



County of Santa Cruz

Atkinson Lane

Specific Plan and PUD

Draft Environmental Impact Report

Volume III: Technical Appendices

March 2009



Draft Environmental Impact Report

**Atkinson Lane Specific Plan and PUD
Technical Appendices Volume III**

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County of Santa Cruz

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March 2009



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APPENDIX F
HAZARDS AND HAZARDOUS MATERIALS

RBF Consulting. Preliminary Hazardous Materials Assessment for the Atkinson Lane Specific
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PRELIMINARY HAZARDOUS MATERIALS ASSESSMENT

Approximate 66-Acre Atkinson Lane Specific Plan/Master Plan

CITY OF WATSONVILLE AND UNINCORPORATED COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA



Prepared in Accordance with:
California Environmental Quality Act

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NOVEMBER 2008

JN 70-100160-15035

PRELIMINARY HAZARDOUS MATERIALS ASSESSMENT

**Approximate 68-Acre
“Atkinson Lane Specific Plan/Master Plan”**

**City of Watsonville and
Unincorporated County of Santa Cruz,
State of California**

Prepared in Accordance with:
California Environmental Quality Act

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By:



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November 2008
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JN 70-100160

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LIST OF ACRONYMS

ACM	Asbestos Containing Materials
APN	Assessor’s Parcel Number
AST	Aboveground Storage Tank
AULs	Activity and Use Limitations
CAL EPA	California Environmental Protection Agency
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System (maintained by the Environmental Protection Agency)
CFR	Code of Federal Regulations
CHAPIS	Community Health Air Pollution Information System
CORRACTS	facilities subject to Corrective Action under RCRA
CPSC	United States Consumer Product Safety Commission
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DEH	County of Santa Cruz Environmental Health Department
DOGGR	California Department of Oil, Gas, and Geothermal Resources
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act (also known as SARA Title III), 42 U.S.C. §§11001-11050 <i>et seq.</i>)
ERNS	emergency response notification system
FOIA	U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR	Federal Register
HREC	Historic Recognized Environmental Condition
ICs	Institutional Controls
LBP	Lead Based Paints
LUFT	Leaking Underground Fuel Tank

LUST	Leaking Underground Storage Tank
MM	Mitigation Measure
MSDS	Material Safety Data Sheet
msl	mean sea level
NCP	National Contingency Plan
NFRAP	former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 <i>et seq.</i>)
RWQCB	Regional Water Quality Control Board
SBBM	San Bernardino Base and Meridian
SCFD	County of Santa Cruz Fire Department
TPH	Total Petroleum Hydrocarbons
TRI	Toxics Release Inventory
TSDf	<i>hazardous waste</i> treatment, storage, or disposal facility
USGS	United States Geological Survey
UST	Underground Storage Tank
WFD	City of Watsonville Fire Department

Section 1 Introduction

1.1 PURPOSE

The purpose of this Preliminary Hazardous Materials Assessment (Assessment) is to review the existing conditions, analyze potential environmental impacts, and suggest feasible mitigation measures to reduce potentially significant effects associated with hazards and hazardous materials for the proposed project to an impact that is less than significant.

The State of California Legislature enacted the California Environmental Quality Act (CEQA) in 1970 that requires public agencies to consider the environmental implications of proposed projects and disclose these findings to the public. CEQA mandates that projects with adverse effects on the environment must implement feasible mitigation. This Assessment is intended to address the Hazards and Hazardous Materials analysis guidelines set forth within Appendix G, *Environmental Checklist Form*, of the CEQA Statutes and Guidelines. The County of Santa Cruz would have the primary responsibility for implementing CEQA and making sure that its mandates are followed for this project.

1.2 PROJECT CHARACTERISTICS

1.2.1 Project Site

The approximate 68-acre Atkinson Lane Specific Plan/Master Plan, herein referred to as the “proposed project,” is located to the south of Corralitos Creek and east of Freedom Boulevard, within unincorporated County of Santa Cruz and within a small portion of the City of Watsonville, State of California (T.11S, R.2E, Mt. Diablo Base and Meridian [MDBM]) (refer to Exhibit 1, *Regional Vicinity*). Currently, the majority of the project site consists of agricultural land uses (refer to Exhibit 2, *Site Vicinity*). Corralitos Creek and associated riparian vegetation trends roughly west to east along the project’s northern boundary. Five single-family residences and various structures used for farming practices are also present on-site. The western portion of the project site includes a PG&E property that consist of an electrical substation.

Eleven (11) Assessor’s Parcel Numbers (APNs) (APNs 019-226-42 [56 Atkinson Lane], -43 [68 Atkinson Lane], and -44 [72 Atkinson Lane]; 019-236-01 [78 Atkinson Lane]; 048-211-24 and -25; 048-221-009; 048-231-01, -17, and -18 [127 Atkinson Lane], as well as 048-251-09) comprise the project site with an approximate gross acreage of 68 acres (refer to Exhibit 3, *Aerial Photograph*). On-site topography is approximately 70 to 110 feet above mean sea level (msl) and slopes to the west within the western portion of the site and to the east within the eastern portion of the site.



ATKINSON LANE SPECIFIC PLAN / MASTER PLAN
 PRELIMINARY HAZARDOUS MATERIALS ASSESSMENT

Regional Vicinity

Exhibit 1



6/2/08 JN 70-100160-15035 MAS

121°47.000' W

121°46.000' W

121°45.000' W

WGS84 121°44.000' W

36°57.000' N

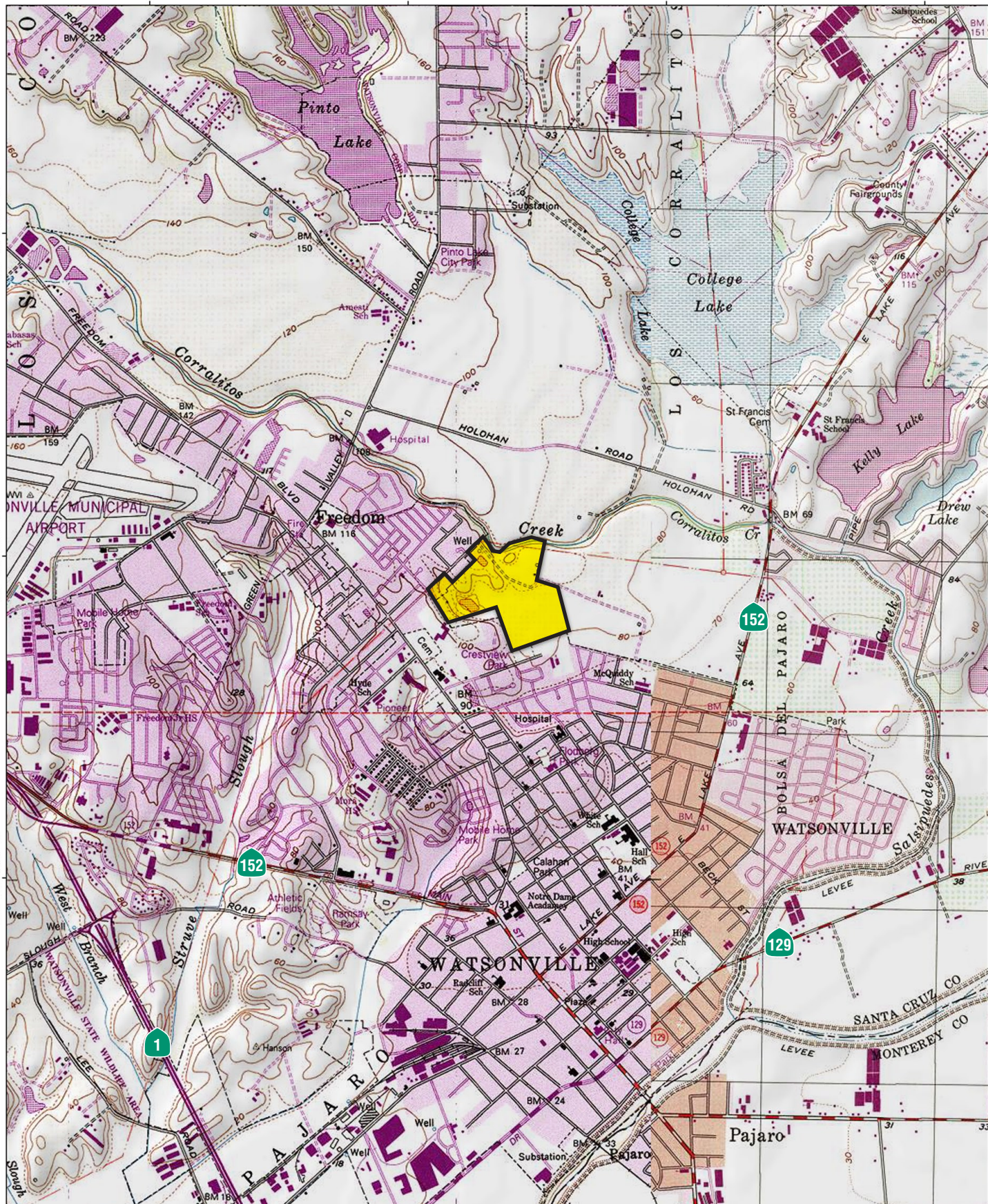
36°57.000' N

36°56.000' N

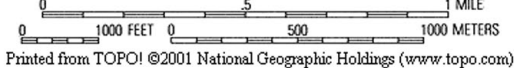
36°56.000' N

36°55.000' N

36°55.000' N



TN MN 14 1/2° 121°47.000' W 121°46.000' W 121°45.000' W WGS84 121°44.000' W



 Project Site

ATKINSON LANE SPECIFIC PLAN / MASTER PLAN
PRELIMINARY HAZARDOUS MATERIALS ASSESSMENT

Site Vicinity

Exhibit 2



9/9/08 JN 70-100160-15035 MAS



Overall the project site is primarily situated within an agricultural production area located on the City of Watsonville/County of Santa Cruz municipal boundary. Surrounding land uses consist of residential and agricultural land uses. Refer to Section 3.0, *Physical Setting*, for a complete description of on-site and off-site conditions.

1.2.2 Project Description

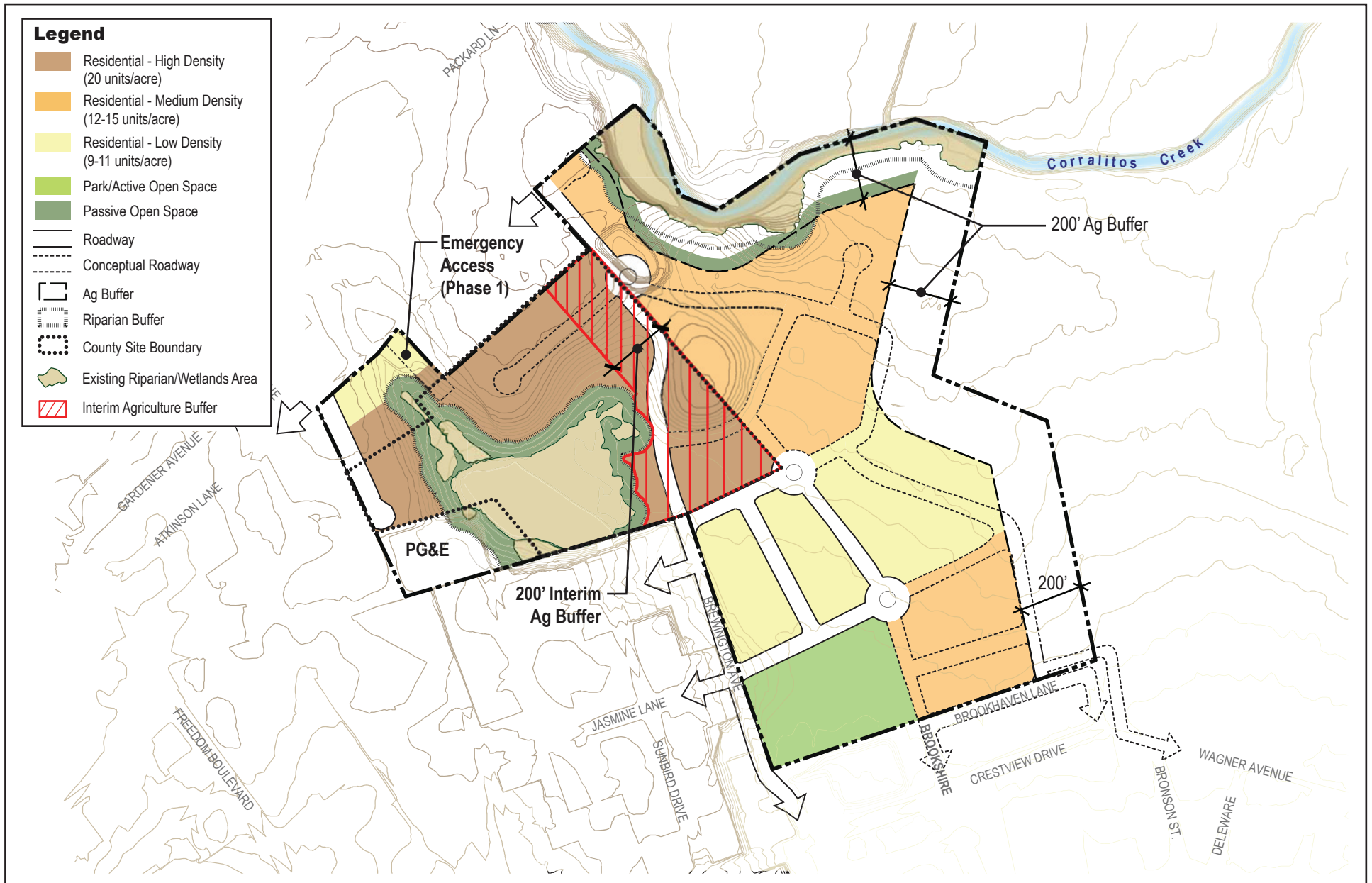
The County of Santa Cruz and the City of Watsonville are currently preparing a joint Specific Plan/Master Plan for the Atkinson Lane future growth area (refer to Exhibit 4, *Conceptual Land Use Plan*). The Atkinson Lane future growth area (project site) falls within the City of Watsonville Urban Growth Boundary. The total gross acreage of the project site is approximately 68 acres, which includes 16 acres of land to be developed by the County prior to annexation by the City to meet County affordable housing goals.

The total gross acreage of the project site is 68 acres, which includes 16 acres of land to be developed by the County prior to annexation by the City to meet County affordable housing goals. The Memorandum of Understanding (MOU) estimates that up to 200 units may be developed within the 16-acre area. Development by the City would follow after 2010 wherein the City may propose to annex the County site, as well as the City expansion area.

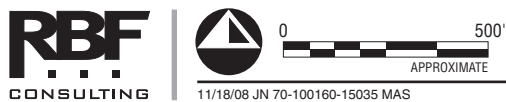
The proposed Specific Plan/Master Plan includes approximately 34 net-acres designated for residential uses, including 11 net-acres for “Residential-High Density” and 23 net-acres for “Residential-Medium Density,” and 6.4 acres of parks/recreational uses. The proposed project would also include 4.0 acres of a designated riparian area with a 1.9 acre riparian buffer adjacent to Corralitos Creek; preservation of a 3.9 acre existing wetland and incorporation of a 2.7 acre wetland buffer; a 2.2 acre PG&E substation, which will remain as a public facility; and 14.9 acres for a 200 foot agricultural buffer, which would be located on the eastern boundary of the project site adjacent to the existing agricultural fields.

1.2.3 Regulatory Setting

The management of hazardous materials and waste within the State of California is under the jurisdiction of the California Environmental Protection Agency (CAL EPA) and the Department of Toxic Substances Control (DTSC). The Cal EPA was created by the State of California to establish a cabinet level voice for the protection of human health and the environment and to assure the coordinated deployment of State resources. The DTSC regulates hazardous waste, clean-up of existing contamination, emergency planning, and identifies alternatives to reduce the hazardous waste produced in California. Additionally, the Regional Water Quality Control Board (RWQCB) regulates the quality of water within the State, including contamination of State waters as a result of hazardous materials and/or waste.



Source: RBF Consulting & Pyatok Architects, Inc. (2008)



ATKINSON LANE SPECIFIC PLAN / MASTER PLAN
PRELIMINARY HAZARDOUS MATERIALS ASSESSMENT
Conceptual Land Use Plan

Other local departments (i.e., fire department, environmental health services department, etc.) may also have jurisdiction over hazardous materials. The County of Santa Cruz, Environmental Health Department, regulates the public health and safety and the environment via health inspections, consultation and education, enforcement, monitoring and oversight services. Environmental Health Services is a division of the Public Health program of the County's Health Services Agency. The State of California mandates and delegates to local health departments the responsibility for environmental health programs. Legal authority for county environmental health programs comes from the California Health and Safety Code, California Code of Regulations, and local ordinances and regulations.

State programs delegated at local option include employee housing inspections, medical wastes, and regulation of small public water systems. County ordinances and regulations pertaining to well construction, individual water systems, individual sewage disposal systems (septic systems and septic tank pumping) and surveillance of fresh water swimming areas are also enforced. Environmental Health enforces State and local laws for hazardous materials and wastes countywide. Environmental Health also administers County Service Area 12, which provides programs for improved septic system management throughout the County, with a special focus on implementing the State-approved San Lorenzo Wastewater Management Plan. Environmental Health provides support and staff to the Hazardous Materials Advisory Commission, various water quality protection programs, and the County Water Resources Management Program.

Additionally, the City of Watsonville Fire Division serves and protects the community from the hazards associated hazardous materials. This department provides programs to prevent and mitigate the threats associated with fire, hazardous materials, and accidental injury through prevention and public education activities.

For the purposes of this Assessment, the term “hazardous material” refers to both hazardous substances and hazardous waste. A material is defined as “hazardous” if it appears on a list of hazardous materials prepared by a Federal, Tribal, State, or local regulatory agency, or if it possesses characteristics defined as “hazardous” by such an agency. A “hazardous waste” is a solid waste that exhibits toxic or hazardous characteristics (i.e., ignitability, corrosivity, reactivity, and/or toxicity).

Section 2 METHODOLOGY

For the purpose of this Preliminary Hazardous Materials Assessment (Assessment), a Recognized Environmental Condition (REC) is defined as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

2.1 SCOPE OF SERVICES AND METHODOLOGY USED

The objectives of this Assessment are as follows:

- ◆ Evaluate the potential for hazardous materials on the project site based upon readily discernible and/or documented present and historic uses of the property and uses immediately adjacent to the site; and
- ◆ Generally characterize the expected nature of hazardous materials that may be present on the project site as a result of such uses, within the limits imposed by the scope of this Assessment.

The scope of this Assessment includes the following guidelines which are utilized as thresholds of significance for the CEQA analysis:

- ◆ Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials;
- ◆ Create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment;
- ◆ Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing school or proposed school;
- ◆ Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment;

This Assessment excludes the following guidelines for the CEQA analysis:

- ◆ For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area;
- ◆ For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area;
- ◆ Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan; and
- ◆ Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands.

This Assessment is not intended to provide specific qualitative or quantitative information as to the actual presence of hazardous materials at the site, but merely to identify the potential presence based on available information. To achieve the above-stated objectives, RBF Consulting (RBF) evaluated the project site to provide preliminary conclusions relative to site conditions.

The Assessment included the following components, which are designed to aid in the discovery and evaluation of RECs:

- ◆ RBF performed a site visit on May 20, 2008, which consisted of a visual examination of the project site for visual evidence of potential environmental concerns, including existing or potential soil and groundwater contamination as evidenced by soil or pavement staining or discoloration; stressed vegetation; indications of waste dumping or burial; pits; ponds; or lagoons; containers of hazardous substances or petroleum products; electrical and hydraulic equipment that may contain PCBs, such as electrical transformers and hydraulic lifts; and underground and aboveground storage tanks. RBF observed the physical characteristics of the property (i.e., apparent runoff directions, location of paved areas, etc.). It should be noted that the site visit specifically excluded any subsurface investigation including, but not limited to, sampling and/or laboratory analysis;
- ◆ A preliminary visual examination of immediately adjacent property conditions and their general nature was conducted;
- ◆ An investigation of historical uses of the project site by examining locally available aerial photographs (including historical aerial photos) and historical topographic maps for evidence of potential environmental concerns associated with prior land uses;

- ◆ A review of information available on general geology and topography of the subject properties and local groundwater conditions;
- ◆ A review of the commercial database summaries, provided by EDR regarding public agency records; and
- ◆ A review of available property data for the project site.

RBF compiled the data reviewed, discussed findings, formulated conclusions and recommendations, and prepared this Assessment to present the findings, opinions, and recommendations that would be utilized in the Project's CEQA documentation.

2.2 LIMITING CONDITIONS OF ASSESSMENT

The findings and professional opinions of RBF are based on the information made available to RBF (listed in Section 9.0) from public records, and should be understood to be preliminary only. RBF makes no warranties, either expressed or implied, concerning the completeness of the data made available to us for this study and withholds certification of any type concerning the presence or absence of contamination of the project site.

Property conditions, as well as local, state, and federal regulations, can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this Assessment apply strictly to the environmental regulations and property conditions existing at the time the Assessment was performed. RBF is not responsible for the quality or content of information from these sources. The report states our conclusion based on the limitations of our Scope-of-Services.

Subsurface exploration, geologic mapping, laboratory testing of soil or water samples, lead and asbestos sampling, and operations/inventory review of adjacent uses were not performed in connection with this Assessment. This Assessment represents our professional judgment, based on the level of effort described above, as to the present potential for hazardous materials at the site. This Assessment specifically excludes air quality issues such as "indoor air quality" (vapor intrusion). This Assessment does not fulfill the requirements for a Phase 1 Environmental Site Assessment (per the American Standards for Testing and Materials [ASTM] standard practice E1527-05).

Subsurface exploration, sampling and laboratory testing should be performed if it is deemed necessary or required to quantify the actual absence or presence of hazardous materials and recommend possible remediation measures for such hazardous materials (a "Phase II" investigation).

This Assessment addressed the likelihood of the presence of hazardous substances and/or petroleum products resulting from past and current known uses of the property and nearby properties. Certain conditions, such as those listed below, may not be revealed:

- ◆ Naturally occurring toxins in the subsurface soils (i.e., radon), rocks, or water, or toxicity of the on-site flora;
- ◆ Toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;
- ◆ Biological pathogens;
- ◆ Subsurface contaminant plume from a remote source;
- ◆ Contaminants or contaminant concentrations that do not violate current regulatory standards but may violate such future standards; and,
- ◆ Unknown site contamination, such as “midnight dumping” and/or accidental spillage which could have occurred after RBF’s site visit.

The information and opinions rendered in this Assessment are exclusively for use by **County of Santa Cruz**. RBF would not distribute or publish this report without the consent of **County of Santa Cruz**, except as required by law or court order. The information and opinions expressed in this Assessment are given in response to RBF’s Scope-of-Services and Limitations indicated above and should be considered and implemented only in light of the Scope-of-Services and Limitations. The services provided by RBF in completing this Assessment are consistent with normal standards of the profession. No warranty, expressed or implied, is made.

Section 3 PHYSICAL SETTING

Physical setting sources typically provide information regarding geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. The following information is primarily based on review of the United States Geological Survey (USGS) Watsonville West, California Quadrangle, dated 1995, and a site inspection conducted by RBF on May 20, 2008. Other miscellaneous resources utilized within this section and throughout the Assessment are referenced in Section 9.0, REFERENCES.

3.1 PROJECT SITE DESCRIPTION

3.1.1 Location

The project site is located to the south of Corralitos Creek and east of Freedom Boulevard, within unincorporated County of Santa Cruz and within a small portion of the City of Watsonville, State of California (T.11S, R.2E, MDBM).

3.1.2 Current Use(s) of the Project site

The majority of the project site consists of agricultural land uses. Corralitos Creek and associated riparian vegetation trends roughly west to east along the proposed project's northern boundary. Five single-family residences and various structures used for farming practices are present on-site. The western portion of the project site includes a Pacific Gas and Electric (PG&E) property consisting of an electrical substation.

3.1.3 Description of On-Site Structures and Roads

On-site structures consisted of approximately five (5) residential structures and three (3) storage structures. Residential structures appeared to consist of wood frame and stucco materials. The storage structures consisted of both metal and wood materials. The three (3) storage structures appeared to be located on bare soil. On-site roads consist of approximately five (5) unimproved dirt roads that trend along the project boundaries and within the site from east to west and north to south. Off-site improved roads are located to the north (Atkinson Lane) and west (Artisia Court and Brewington Avenue).

3.1.4 Zoning/Land Use Records

Zoning/land use records generally consist of records maintained by the local government in which the project site is located. They indicate the uses permitted by the local government for particular zones within its jurisdiction. The records may consist of maps and/or written records. According to the City of Watsonville and County of Santa Cruz, official Zoning Maps, the project site's zoning designations include Agricultural Commercial (County), Public Facility (County), Residential Single-Family (County), and Single Family Residential-Low Density (City).

3.2 TOPOGRAPHY

USGS topographic maps show geological formations and their characteristics, describing the physical setting of an area through contour lines and major surface features including lakes, rivers, streams, buildings, landmarks, and other geologic or infrastructure characteristics. Additionally, the maps depict topography through color and contour lines and are helpful in determining elevations and site latitude and longitude. For the purpose of this Assessment, the USGS topographic map was reviewed to determine the on- and off-site factors that could impact the spread of contamination.

Based on the USGS *Watsonville West, California* Quadrangle, dated 1995, on-site topography is approximately 70 to 110 feet above msl and gently slopes to the south and east. The project site appears to consist of one (1) structure and vacant land. Two (2) pond features (one of which includes a large depression) and one (1) water well are visible on-site. Corralitos Creek trends along the northern project boundary. Generally, surrounding land uses appear to consist of developed land to the north, west, and south. Vacant land is visible to the east. Specifically, a cemetery is noted to the west and Crestview Park is noted to the southwest.

3.3 CURRENT USES OF ADJOINING PROPERTIES

For the scope of this Assessment, properties are defined and categorized based upon their physical proximity to the project site. An adjoining property is considered any real property or properties the border of which is contiguous or partially contiguous with that of the project site, or that would be contiguous or partially contiguous with that of the project site but for a street, road, or other public thoroughfare separating them. An adjacent property is any real property located within 0.25 mile of the project site's border. The following is a detailed description of each adjoining land use observed on May 20, 2008:

- ◆ North: Residential, institutional, and agricultural land uses are located to the north of the project site. Additionally, Corralitos Creek is located along the northern project boundary.
- ◆ East: Agricultural land uses are located to the east of the project site.
- ◆ South: Residential land uses are located to the south of the project site.
- ◆ West: Residential and institutional land uses are located to the west of the project site.

3.4 GEOLOGIC CONDITIONS

3.4.1 Geology

The USGS Geological Map Index was searched by EDR for available geological maps that cover the project site and surrounding areas. These geological maps indicate geological formations that are overlaid on a topographic map. Some maps focus on specific issues (i.e., bedrock, sedimentary rocks, etc.) while others may identify artificial fills (including landfills). Geological maps can be effective

in estimating permeability of on-site soils and other factors that influence the spread of contamination. According to the EDR GeoCheck Report, the project site is underlain by a stratified sequence from the Cenozoic era (refer to Appendix A, *EDR Database Search*). The depth to bedrock is greater than 0 inches.

3.4.2 Soils

According to the EDR GeoCheck database, the project site is situated on the Pinto, Watsonville, Elder, and Baywood soil series (refer to Appendix A, *EDR Database Search*). The Pinot soil series is a Class C loam, which includes slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures are included. This soil is also a partially hydric soil with a high potential for corrosion of uncoated steel.

The Watsonville series is a Class D loam, which includes very slow infiltration rates. These soils are clayey, have a high water table, or are shallow to an impervious layer. These soils are also somewhat poorly drained and are partially hydric with a high potential for corrosion of uncoated steel.

The Elder series is a Class B sandy loam, which includes moderate infiltration rates. These soils are deep and moderately deep, moderately well and well drained soil with moderately coarse textures. These soils are also swell drained and are partially hydric with a moderate potential for corrosion of uncoated steel.

The Baywood series is a Class A loamy sand, which includes high infiltration rates. These soils are deep, well drained to excessively drained sands and gravels. These soils are also somewhat excessively drained and are not hydric with a moderate potential for corrosion of uncoated steel.

The Pinot series is a Class C loam, which includes slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures are included. These soils are also somewhat poorly drained and are partially hydric with a high potential for corrosion of uncoated steel.

3.4.3 Radon

Radon is a radioactive gas that is found in certain geologic environments and is formed by the natural breakdown of radium, which is found in the earth's crust. Radon is an invisible, odorless, inert gas that emits alpha particles, known to cause lung cancer. Radon levels are highest in basements (areas in close proximity to the soil) that are poorly ventilated. A radon survey was not included within the scope of this investigation. According to the "*U.S. EPA Map of Radon Zones*," the County of Santa Cruz is located within Zone 2, which has a predicted average indoor screening level of ≥ 2.0 Picocuries per liter (pCi/L) and ≤ 4.0 pCi/L. EPA recommends remedial actions when radon levels are greater than 4.0 pCi/L.

3.5 BIOLOGICAL SETTING

The biotic community that exists within the project site appears to consist of that typical of rural agricultural and residential land uses. The project site also includes riparian vegetation along Corralitos Creek, a large wetland area within the western portion of the project site, and a vegetated agricultural pond located within the northern portion of the project site.

3.6 DRAINAGE/HYDROLOGY

3.6.1 Drainage

Corralitos Creek trends along the northern portion of the project site. Also, one (1) wetland feature is located within the western portion of the project site and one (1) pond feature that appears to be associated with on-site agricultural activities is located within the northern portion of the project site. Drainage of the project site is accomplished by downward surface percolation and overland sheet flow, which is generally in both a southern direction (toward the on-site wetlands located within the western portion of the project site) and an eastern direction (toward and along the Corralitos Creek).

3.6.2 Flood Hazards

Flood Prone Area Maps published by the USGS show areas prone to 100-year floods overlaid on a topographical map. These maps are not considered the official Federal Emergency Management Agency (FEMA) flood maps; therefore, in cases where a property is located immediately adjacent to or within the flood prone boundary, a FEMA map should be obtained. According to the EDR Database search, the project site is located within a 100-year flood zone and the two (2) pond features noted on-site are listed as National Wetland Inventory sites (refer to Appendix A, *EDR Search*). Additionally, based on the Flood Insurance Rate Map (FIRM) FIRMette obtained on FEMA's official website, dated March 2, 2006, the northern portion of the project site is located within a 100-year flood zone (refer to Appendix B, *Documentation*).

3.7 GROUNDWATER AND WATER WELLS

RBF assumes groundwater flow would follow the slope of the ground surface elevations towards the nearest open body of water or intermittent stream. The direction of this flow on-site is expected to be generally in both a southerly a (the western portion of the site) and an easterly direction (the eastern portion of the site). Based on the EDR GeoTracker Report, one (1) water well is located within the boundaries of the project site. The water well is reported to have been pumped from 1970 to 1983. Reported groundwater levels ranged from 0 to 118.2 feet below surface (refer to Appendix A, *EDR Database Search*). RBF noted multiple on-site water wells during the May 20, 2008 site inspection. The on-site water wells appeared to be electrically pumped via overhead power lines. Minor staining was noted on the concrete.

Section 4 HISTORICAL & REGULATORY SEARCHES

The following historical and regulatory information is based upon review of available historical maps and documents, available public information, interviews, a review of a series of historical aerial photographs (dating from 1939 to 2005), and a review of the findings of the Environmental Data Resources (EDR) report (dated May 20, 2008) provided by EDR. The governmental sources have been searched by EDR (at the request of RBF) for sites within the project site and within an approximate one-mile radius of the project site boundaries.

4.1 HISTORICAL SITE USAGE

4.1.1 Interviews

4.1.1.1 Current Property Owner (APN 048-251-09)

RBF interviewed Mr. Joseph Rodgers, the current property manager/partner of the on-site apple orchards via questionnaire, received May 12, 2008. Mr. Rodgers has been associated with the property for 61 years. He stated that this portion of the property has remained apple orchards for over 100 years. Additionally, he reported that the adjacent agricultural lands are orchards and/or recently berry production. Mr. Rodgers stated that the only hazardous materials that are stored/used on APN 048-251-09 include orchard-specific pesticides and fertilizers which are applied to the apple trees. Mr. Rodgers reported one (1) above ground storage tank used for water located at this site. Mr. Rodgers reported that this on-site water tank has been removed; however, RBF observed one (1) large water tank at this location during the May 20, 2008 site inspection. He reported that no hazardous material/hazardous waste or petroleum products spills have occurred on this property. Additionally, Mr. Rodgers stated that no drains, dry wells, underground sumps, septic tanks, or leach fields are located at this location. Mr. Rodgers is not aware of any environmental violations, cleanup liens against the property, or any activity and land use limitations (AULs) at the site. Mr. Rodgers stated that the only known electrical equipment that may be associated with PCBs include the adjoining PG&E substation and associated power lines (refer to Appendix B, *Documentation*).

4.1.1.2 Current Property Manager (APN 019-226-42 and -221-25)

RBF contacted Mr. Owen Lawlor, property manager, via questionnaire, dated May 3, 2008. Mr. Lawlor has been associated with the property (APNs 019-226-42 and -221-25) for approximately two (2) years. Mr. Lawlor reported that neither the property nor any adjoining property has been used for industrial use. Mr. Lawlor noted that the property has undergone Phase II investigations, which resulted in no further action; refer to Section 4.1.4.1, *Hazardous Materials Documentation for 56 Atkinson Lane*, for further information pertaining to past investigations at this property. He reported that no hazardous material/hazardous waste or petroleum products spills have occurred on this property. Additionally, Mr. Lawlor stated that no drains, dry wells, underground sumps, septic tanks,

or leach fields are located at this location. Mr. Lawlor is not aware of any environmental violations, cleanup liens against the property, or any AULs at the site (refer to Appendix B, *Documentation*).

4.1.1.3 Current Property Owner (APN 019-221-09 and -236-01)

RBF contacted Mr. Bruce Lamb, on June 4, 2008, in an effort to determine why there was asphalt in the soils within the northern portion of APN 019-221-09. Mr. Lamb stated that this asphalt was placed there by the adjoining Portuguese Community Center, so that they may park on that portion of the project site.

4.1.1.4 Current Property Owner (APN 048-231-17 and -18)

RBF contacted Mr. Israel Zapeda, on August 15, 2008, in an effort to further define the use of the on-site burn pits that were observed on APN 048-231-18, during the May 20, 2008 site inspection. Mr. Zapeda stated that on-site household trash is either burned on-site or taken to the local land fill. Mr. Zapeda stated that no hazardous materials are burned on-site.

4.1.1.5 City of Watsonville Community Development Department

RBF contacted staff at the City of Watsonville, Community Development Department, on May 1, 2008, to determine if building records are available for the project site (refer to Appendix B, *Documentation*). Refer to Section 4.1.2.1, *Building Department Records*, for further information pertaining to available records.

4.1.1.6 Regional Water Quality Control Board – Central Coast Region

RBF contacted Ms. Sue Gerdson on May 1, 2008, in an effort to obtain available files for the project site, should they exist (refer to Appendix B, *Documentation*). Ms. Gerdson stated that their database is maintained by address only. RBF requested available records for the reported on-site addresses 56 Atkinson Lane and 127 Atkinson Lane. Staff stated that the RWQCB does not maintain records for the on-site addresses, within both the City of Watsonville and unincorporated County of Santa Cruz. Refer to Section 4.1.2.9, *File Record Review*, for further information pertaining to records requested.

4.1.1.7 County of Santa Cruz Environmental Health Department

RBF contacted staff with the County of Santa Cruz, Environmental Health Department, on May 1, 2008, to determine if public records are available for the project site. Staff stated that according to their records no Underground Storage Tanks (USTs) are on-site. However, records do indicate that ASTs are on-site. To their knowledge, typical hazardous materials associated with agricultural uses were noted. The PG&E substation, which is located on-site, has reported the presence of insulating oil. However, this site has reported mitigation activities. RBF was referred to Ms. Rebecca Supplee, facility inspector, for further information pertaining to mitigation activities (refer to Appendix B, *Documentation*).

RBF contacted Ms. Rebecca Supplee, Facility Inspector, with the County of Santa Cruz, Environmental Health Department, on May 1, 2008, to determine what mitigation actions occurred on the PG&E property. Ms. Supplee stated that PG&E conducted soil sampling at the substation to confirm that PCB containing oils did not release into the soil. Soil sampling confirmed that a release did not occur. PG&E then placed a concrete foundation underlying the substation (refer to Appendix B, *Documentation*).

4.1.1.8 City of Watsonville Fire Department

RBF contacted Mr. Kirk Vojvoda, Fire Prevention Officer, with the City of Watsonville Fire Department, on August 20, 2008, to determine if staff have been called out to the project site for hazardous materials related issues. Mr. Vojvoda stated that he has been with the City Fire Department for 15 years. To the best of his knowledge, Mr. Vojvoda has not been out to the property for hazardous materials related reasons. Mr. Vojvoda stated that he believes that his records for unincorporated County of Santa Cruz jurisdiction are sent to the County (refer to Appendix B, *Documentation*). Per conversations with the County Fire and Environmental Health Departments, it is anticipated that the Fire Prevention records pertaining to hazardous materials are maintained at the County of Santa Cruz Environmental Health Department.

4.1.1.9 Other Interview Sources

No additional interviews were conducted during the course of this Assessment. It should be noted that the property owners for APNs 019-226-43, -44, and 048-231-01 and -211-24 were not available for interview at the time of this Assessment.

4.1.2 Documentation

4.1.2.1 Building Department Records

Building Department Records are those records of the local government in which the project site is located indicating permission of the local government to construct, alter, or demolish improvements on the property. The purpose for a records review is to obtain and review available building permit records, which would help to evaluate potentially significant environmental condition(s), which could be connected with the project site. Generally, Building Department Records are based on a property's street address. RBF contacted the City of Watsonville Community Development Department, via telephone, on May 1, 2008 to determine if building records are available for the project site. Staff stated that the two on-site addresses, 56 and 127 Atkinson Lane, are both City of Watsonville addresses. There are two (2) building permits associated with proposed uses for the project site. Additionally, there are reported septic issues/violations. However, these violations are reported to be closed (refer to Appendix B, *Documentation*).

Additionally, building records were requested from the Santa Cruz County Assessor pertaining to the project site. Records were available for the on-site addresses 56 and 127 Atkinson Lane from January

8, 1992 to January 26, 2004. The records on file appear to be associated with the replacement of an irrigation well, septic tanks, and garage addition to the existing residence. Files report that the septic tank located at the address 127 Atkinson Lane discharged to a nearby creek due to failing septic system in 2005.

4.1.2.2 Recorded Land Title Records

Recorded land titles are records usually maintained by the municipal clerk or county recorder of deeds which detail ownership fees, leases, land contracts, easements, liens, deficiencies, and AULs attached to or recorded against the project site within the local jurisdiction having control for or reporting responsibility to the project site. For these reasons, this Assessment has relied upon other standard historical information sources assumed to be either more accurate or informative than recorded land titles.

4.1.2.3 Property Data

RBF searched property data for the project site via *First American Real Estate Solutions* and the legal description for the project site. This data typically provides current property ownership information and includes information regarding on-site improvements, zoning, land use, transfer of last sale, and other miscellaneous structural improvements. Property information was not available for the project site at the time of this Assessment.

4.1.2.4 City Directory Searches

City directories, published by private companies (or sometimes the government), provide a chronological sequence of past site ownership, occupancy, and/or uses for a property by reference of an address. This type of search is particularly effective to determine the past uses of developed properties. EDR provided a City Directory Search for the project site on April 25, 2008. According to the City Directory Search, the project site is listed as residence (56 Atkinson Lane, 68 Atkinson Lane, and 72 Atkinson Lane) within the years 1960-2007. Also, the on-site address 78 Atkinson Lane is not listed in the years searched (1960-2007). Adjacent land uses were listed as residence and vacant from 1960 to 2007. A copy of the City Directory Search is contained in Appendix B, *Documentation*.

4.1.2.5 Sanborn Fire Insurance Maps

Sanborn maps contain detailed drawings, which indicate the location and use of structures on a given property during specific years. These maps were originally produced to show buildings in sufficient detail for insurance underwriters to evaluate fire risks and establish premiums, but now are utilized as a valuable source of historical and environmental risk information. Sanborn maps were searched on April 23, 2008, no Sanborn maps are available for the project site or immediate vicinity (refer to Appendix B, *Documentation*).

4.1.2.6 Historical Topographic Maps

RBF reviewed historical topographic maps dated 1914 through 1995 for the project site and adjacent areas provided by EDR. Review of available historical topographic maps provided the following chronological sequence of site history. Copies of the historical topographic maps as well as the most recent topographic map are presented in Appendix B, *Documentation*.

1914-

1917: In the 1914 and 1917 USGS *Capitola* and *San Juan Bautista, California* Quadrangles, the project site consists of approximately four structures and two unimproved roadways. These topographic maps are 15 Minute (') Series maps, in which towns, rivers, peaks, and major land features are generally labeled; however, specific detail (structures and elevations, etc.) remains undefined. Elevation appears to be approximately 80 to 100 feet above msl. Surrounding land uses appear to consist of sparse structures and infrastructure as well. The Corralitos Creek trends along the northern boundary of the project site. College Lake, Kelly Lake, Drew Lake, and Lake Tynan are visible to the east of the project site. The developing area of Watsonville is visible to the south of the project site. No on-site pits, ponds, or lagoons were noted on the 1914 and 1917 topographic maps.

1947-

1955: In the 1947 and 1955 USGS *Watsonville, Watsonville East, and San Juan Bautista, California* Quadrangles (15', 7.5', and 7.5' Series maps, respectively), on-site topography appears to be approximately 80 to 100 feet above msl. The project site appears to consist of approximately five (5) structures and agricultural land uses. One (1) water well and one (1) pond feature are visible within the northern portion of the project site. Additionally, one (1) pond feature is visible within the western portion of the project site. The Corralitos Creek is visible along the northern boundary of the project site. Surrounding land uses appear to consist of sparse structures, agricultural land uses, and infrastructure as well as developed land to the west and south. Additionally, the KHOB Radio Tower is visible adjoining the project site to the west. No on-site pits, ponds, or lagoons were noted on the 1947 and 1954 topographic maps.

1987: In the 1968 USGS *Watsonville West and Watsonville East, California* Quadrangles (both 7.5' Series maps), the project site appears to consist of approximately five (5) structures, agricultural uses, and two (2) pond features. One (1) water well is visible within the northern portion of the project site. Surrounding uses appear to consist of development and agricultural uses. The KHOB Radio Tower is visible adjoining the project site to the west. No on-site pits, ponds, or lagoons were noted on the 1987 topographic maps.

1993-

1995: In the 1993 through 1995 USGS *Watsonville East and Watsonville West, California* Quadrangles (7.5' Series), the project site consists of approximately three (3) structures,

agricultural uses, and two (2) pond features. One (1) water well is visible within the northern portion of the project site. Corralitos Creek is visible trending the northern boundary of the project site. Surrounding uses appear to consist of developed land to the south, west, and north. Additionally, agricultural land uses are present to the north and east of the project site. The Crestview Park development adjoins the project site to the south. One (1) large structure adjoins the project to the west. No on-site pits, ponds, or lagoons were noted on the 1993 through 1995 topographic maps.

Based on review of the above-referenced historical topographic maps, the project site appears to have consisted of multiple on-site structures, two (2) pond features, one (1) water well, and agricultural land uses (began prior to 1947).

4.1.2.7 Historical County Planning Maps

Beginning in the 1930s, Historical County Planning Maps were used by highway departments to disburse federal funding based on each county's road system. Some states just mapped roads, but many added cultural features such as farms and factories. These features were usually shown everywhere except within city limits. These maps are especially useful in conjunction with historical topographic maps. The topographical map can indicate the size, shape, and location of structures, while the historical county planning map can identify their use. However, this Assessment has relied upon other standard historical information sources assumed to be either more accurate or informative than Historical County Planning Maps.

4.1.2.8 California Department of Oil, Gas, and Geothermal Resources

RBF reviewed a Wildcat Map provided by the California Department of Oil, Gas, and Geothermal Resources (DOGGR). These maps indicate existing and historical oil and gas wells within the immediate vicinity of the project site. Current well status for any well indicated on the Wildcat Maps should be confirmed at the appropriate Division of Oil and Gas District Office. According to the Wildcat Map W3-10, Alameda, San Mateo, Santa Clara, and Santa Cruz Counties, dated August 11, 2003, the project site does not appear to be located in a sedimentary basin with oil, gas, or geothermal production. No wells were visible within the vicinity of the project site (refer to Appendix B, *Documentation*).

4.1.2.9 File Record Review

On-Site Properties

RBF requested files for the eight (8) on-site APNs and the two (2) reported on-site addresses (56 and 127 Atkinson Lane) at the County of Santa Cruz Department of Environmental Health (DEH), City of Watsonville Fire Department (WFD), Department of Toxic Substances Control (DTSC), and Regional Water Quality Control Board (RWQCB). However, the DEH, WFD, DTSC, and RWQCB did not maintain files for any of the requested properties. Therefore, no records are available for the project site at the time of this Assessment. It should be noted that RBF did not request files for the

on-site APNs 019-226-43 (68 Atkinson Lane), -44 (72 Atkinson Lane), and 019-236-01 (78 Atkinson Lane) due to time constraints. However, as these on-site properties currently and historically appear to have consisted on residential uses, this data gap is considered to be less than significant.

RBF also requested available information from the County of Santa Cruz Assessors Office in an effort to obtain available information on the reported on-site addresses on September 10, 2008. Available files reported that on-site structures were constructed between 1889 and 1947 and consist of single family residential homes.

Off-Site Properties

In addition to on-site records, RBF obtained available records from the DEH for the three (3) off-site addresses (1455 Freedom Boulevard, 1488 Freedom Boulevard, and 1597 Freedom Boulevard), which have reported contamination to groundwater and are anticipated to be located within proximity and up-gradient from the project site.

Based on records reviewed, the reported address 1455 Freedom Boulevard has been undergoing groundwater monitoring and sampling. The site is located on the southern corner of Freedom Boulevard and Alta Vista Avenue in the City of Watsonville (approximately 0.15-mile southwest of the project site). The Exxon Mobil site obtained Environmental Resolutions, Inc. (ERI) to operate a groundwater extraction and treatment (GET) remediation system at the site from September 1994 to August 2006. In August of 2006, ERI reviewed concentration trends and operation and performance data for the GET system. Concentrations of MTBE in the system influent samples and in the groundwater monitoring wells showed consistent declining trends. According to the Groundwater Monitoring and Remediation Status Report, dated April 17, 2007, groundwater is flowing southwest, away from the project site. Additionally, based on groundwater monitoring well and recovery well locations, contamination does not appear to be migrating north, across Freedom Boulevard, toward the project site. Therefore, as the site is currently being remediated and monitored, and the contamination appears to be migrating south-southwest, away from the project site, there is a low likelihood that groundwater contamination, as a result of 1455 Freedom Boulevard, underlies the project site.

Based on records reviewed, the reported address 1488 Freedom Boulevard operated a Chevron Service Station from 1958 to 1984. Petroleum hydrocarbons are reported to have been released into the soil and groundwater. During construction of the recently installed Speedee Oil Change facility, contaminated soil and groundwater were removed from the site. According to the Third Quarter 2007 Groundwater Monitoring and Sampling Results, dated October 19, 2007, hydrocarbons were not detected in groundwater wells during the July 24, 2007 monitoring event. Depth to groundwater ranged from 3.06 feet below ground surface (bgs) in well MW-5 to 6.25 feet bgs in well MW-4. The groundwater flow direction was variable (to the north and east-southeast) with a groundwater gradient ranging from 0.002 to 0.005 foot/foot. Based on data obtained, the report stated that the

contamination plume is delineated in the historical downgradient direction to the south-southeast; however, the plume could not be fully delineated in the cross-gradient direction (west-southwest). The project site is approximately 0.16-mile northeast of the site. The closest monitoring well to the project site is MW-8, located approximately 0.16-mile southwest of the project site. Sampling has indicated the presence of total petroleum hydrocarbons (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary butyl ether (MTBE), and 1,2-dichloroethane (1,2-DCA) at MW-8. The highest concentrations of petroleum hydrocarbons in the groundwater have been noted in MW-8. The contamination plume appears to be limited to the adjoining properties. Based on available maps, it is unlikely that the contamination plume originating from 1488 Freedom Boulevard has migrated onto the project site. Therefore, due to the location of the project site (0.16-mile cross-gradient), it is unlikely that groundwater contamination from 1488 Freedom Boulevard currently underlies the project site.

Based on records reviewed, the reported address 1597 Freedom Boulevard (Beacon Station No. 3400) has prepared a Quarterly Groundwater Monitoring and Remediation Status Report, dated January 8, 2008. The report stated that water-level data collected on October 24, 2007 was used to construct the Groundwater Contour Map. The project site is located approximately 0.23-mile west of this site. The groundwater flow direction to the south of the site is reported to flow southeast (away from the project site). Therefore, due to the location of the project site (0.23-mile cross- and down-gradient), it is unlikely that groundwater contamination from 1597 Freedom Boulevard underlies the project site

4.1.3 Aerial Photographs

RBF reviewed available aerial photographs for the project site and immediately adjacent areas to assist in the identification of development activities that have historically occurred on-site. Review of available historical aerial photographs dated 1939 through 2005 provided the following chronological sequence of site history. The aerial photographs were provided by EDR and are listed in Section 9.0, *References*. Copies of these historical aerial photographs are presented in Appendix B, *Documentation*.

1939: In the 1939 aerial photograph, the project site appears to consist of agricultural uses, approximately twelve (12) structures, and vacant land. One (1) pond feature is visible within the western portion of the project site. The Corralitos Creek is visible trending along the northern project boundary. Surrounding land uses appear to consist of rural residential areas, agricultural uses, and vacant land. A cemetery is visible to the west of the project site.

1948: In the 1948 aerial photograph, the project site appears to consist of approximately eleven (11) structures, agricultural uses, and vacant land. One (1) pond feature is visible within the western portion of the project site. Surrounding land uses appear to consist of rural

residential structures, agricultural uses, and vacant land, which appear similar to that viewed in the 1939 aerial photograph.

1956: In the 1956 aerial photograph, the project site appears to consist of approximately nine (9) structures, agricultural uses, and vacant land. Two (2) pond features are visible within the western and northern portions of the project site. Surrounding land uses appear to consist of rural residential structures, agricultural uses, and vacant land, which appear similar to that viewed in the 1939 and 1948 aerial photographs.

1964-

1975: In the 1964 and 1975 aerial photographs, the project site appears to consist of approximately nine (9) structures, agricultural uses, a substation located within the western portion of the project site, and vacant land. Two (2) pond features are visible within the western and northern portions of the project site. Additionally, in the 1975 aerial photograph, one (1) stockpiled debris storage area is visible within the eastern portion of the project site. Surrounding land uses appear to consist of residential development and agricultural land uses. One (1) large structure is noted adjoining the project site to the north.

1981-

2005: In the 1981 through 2005 aerial photographs, the project site appears to consist of approximately fourteen (14) structures, agricultural uses, a substation, and vacant land. Two (2) pond features are visible within the western and northern portions of the project site. Surrounding land uses appear to consist of residential development and agricultural land uses. One (1) large structure is noted adjoining the project site to the north.

Based on review of the above-referenced historical aerial photographs, the project site appears to have primarily consisted of multiple structures, one (1) substation, agricultural land uses (began prior to 1939), and two (2) pond features. The Corralitos Creek trends along the northern project boundary.

4.1.4 Other Historical Sources

4.1.4.1 Hazardous Materials Documentation for 56 Atkinson Lane, Watsonville

Previous Phase I Environmental Site Assessment

A *Phase I Environmental Site Assessment, 56 Atkinson Lane, Watsonville*, dated August 3, 2006, was conducted by Environmental Investigation Services, Inc. (EIS), on the on-site address 56 Atkinson Lane. This on-site property is reported to have consisted of approximately four (4) acres of residential land, which is occupied by a residence and approximately seven generally vacant sheds in the southwest portion of the site. EIS noted the following:

The sheds appear to have been originally used for storage of vehicles and farm equipment, animals, and agricultural supplies. The westernmost shed included a pool table, equipment, and household storage. In the vicinity of the sheds southwest of the residence, there are a few small debris piles consisting primarily of old wooden boards, and including some old tires. A couple of empty plastic drums and one closed plastic drum, all resembling water drums frequently present in the vicinity of water wells, were also present in the vicinity of the sheds. One other unlabeled drum was present east of the residence and north of the sheds.

No manufacturing of toxic, hazardous materials, or petrochemicals was observed at the property at the time of EIS's site visit, aside from small quantities of household chemicals and motor oil, and there is no reported evidence of USTs on the subject property. Historically, the sheds appear to have been used to store and repair vehicles and farm equipment, to house animals, and to store agricultural supplies.

A review of historical references revealed that the eastern portion of the subject property was an orchard from at least 1931 until the 1950s, after which time it was an empty field. The residence on the subject property was built in approximately 1889, and the sheds were constructed between approximately 1890 and 1900. The property has been used as a residence up until present day. Additionally, the review of historical reference also revealed that the property to the north across Atkinson Lane and the adjoining properties to the east, west and south were agricultural until at least 1963. The subject property was not listed on any of the databases searched by EDR.

Based on this documentation, EIS recommended a soil investigation to determine whether the shallow soil had been impacted by pesticides formerly used at the orchard, or by historical vehicle maintenance in the vicinity of the sheds located at this on-site property.

Previous Phase II Limited Soil Investigation

A *Phase II Limited Soil Investigation, 56 Atkinson Lane, Watsonville*, dated August 21, 2006, was also conducted by EIS, which confirmed that relatively low concentrations of arsenic, chromium, copper, lead, dichlorodiphenylchloroethane (DDD), dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyltrichloroethane (DDT), and β -hexachlorocyclohexane (β -BHC) were present in samples. No significant petroleum hydrocarbon contamination was detected in the soil samples.

The presence of organochlorine pesticides at the site appears to be the result of historical use of the property as a fruit orchard. Detected concentrations of DDD, DDE, DDT, and β -BHC were below applicable RWQCB Environmental Screening Levels (ESLs) for residential properties where groundwater is a potential source of drinking water. Additionally, detected concentrations of DDD, DDE, DDT, and β -BHC were below applicable United States Environmental Protection Agency (EPA) Preliminary Remediation Goals (PRGs) for residential properties. Therefore, these

organochlorine pesticides do not appear to pose a significant, long-term (chronic) threat to human health and the environment.

The presence of arsenic, copper, and lead could be the result of historical use of the property as a fruit orchard; however, these metals also occur naturally in soil and may represent natural depositional processes. Chromium detected in selected soil samples appear to represent background chromium concentrations. Concentrations of chromium, copper, and lead detected in soil are well below applicable ESLs and PRGs. These metals, therefore, do not appear to pose a significant, long-term (chronic) threat to human health and the environment.

Concentrations of arsenic detected in soil at the subject site are within the general background arsenic range of 5 mg/kg to 20 mg/kg for the greater Bay Area soils; however, a site-specific background arsenic concentration could not be determined from the analytical data produced in the Phase II limited soil investigation.

4.2 REGULATORY SOURCES

The governmental sources have been searched by EDR (at the request of RBF) for sites within the project site and within an approximate one-mile radius of the project site boundaries. Upon completion of their search, EDR provided RBF with their findings dated April 23, 2008. RBF makes no claims as to the completeness or accuracy of the referenced sources. Our review of EDR's findings can only be as current as their listings and may not represent all known or potential hazardous waste or contaminated sites. To reduce the potential for omitting possible hazardous material sites on the project site and within the surrounding area, sites may be listed in this report if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information. Refer to Appendix A, *EDR Search*, for a listing and description of the federal and state records searched.

4.2.1 Standard Environmental Record Searches

4.2.1.1 Project site

Available public records (provided by EDR) were reviewed by RBF on April 23, 2008. The lists, which were reviewed, identified no regulatory sites reported within the boundaries of the project site. Based on EDR, no known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the project site. The project site has not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR.

4.2.1.2 All Regulatory Listed Sites Within a One-Mile Radius of the Project site

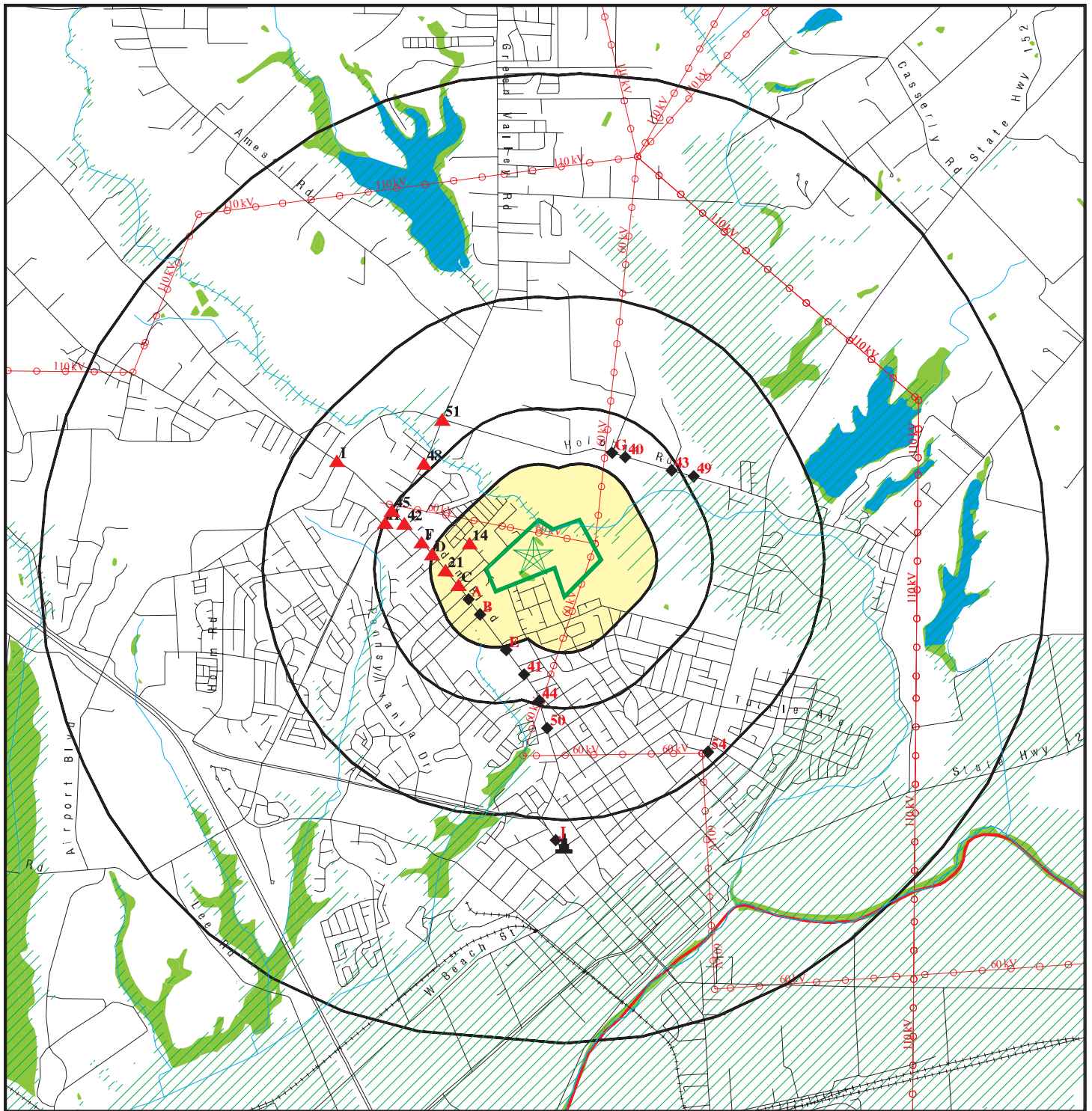
The lists identified 34 regulatory sites located within a one-mile radius of the project site; refer to Exhibit 5, *Overview Map*, for a detailed map of all reported regulatory sites located within a one-mile radius of the project site. For the complete EDR list, refer to Appendix A, *EDR Search*. Table 1, *Identified Regulatory Sites Within a One-Mile Radius of the Project Site*, at the end of this section, indicates the listed regulatory sites located within a one-mile radius of the project site.


A closure status has not been granted by the appropriate regulatory agency for the following three (3) properties. Refer to Section 4.1.2.9, *File Record Review, Off-Site Properties*, for further information on records obtained at these three properties.

- ◆ **Former Exxon Station (1455 Freedom Boulevard)**: This property is located 0.18-mile cross-gradient to the west of the project site. This property was listed within the Cortese, HIST UST, HAZNET, CA FID UST, SWEEPS UST, ERNS, LUST, UST, and Finds databases. The Cortese database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic materials identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from where there is know migration. The HIST UST database contains information on sites where historical underground storage tanks are located.

The HAZNET database extracts data 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 from non-California manifests & continuation sheets are not included at the present time. 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. The source is the Department of Toxic Substance Control.

The CA FID UST database maintains information on properties where an underground storage tank is located. The SWEEPS-UST database maintains information on properties where an underground storage tank is located, however, this database is no longer updated. The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA. The LUST database contains information on sites that maintain leaking USTs. The UST database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data comes from the State Water Resources Control Board's Hazardous Substance Storage Container Database. The LUST database contains information on sites that maintain leaking USTs.



- | | |
|---|--|
|  Target Property |  Indian Reservations BIA |
|  Sites at elevations higher than or equal to the target property |  County Boundary |
|  Sites at elevations lower than the target property |  Power transmission lines |
|  Manufactured Gas Plants |  Oil & Gas pipelines |
|  National Priority List Sites |  100-year flood zone |
|  Dept. Defense Sites |  500-year flood zone |
| |  National Wetland Inventory |
| |  Areas of Concern |



Source: EDR, Inc., 2008

ATKINSON LANE SPECIFIC PLAN / MASTER PLAN
 PRELIMINARY HAZARDOUS MATERIALS ASSESSMENT
Overview Map

The property reported a small quantity generator with no violations. The site is reported in the FINDS database. The site is also reported to have handled, stored, and/or maintained other organic solids and aqueous solution with less than 10% total organic residues. The Disposal Methods utilized are noted as Transfer Station and Recycler.

This regulatory property has reported four (4) historical USTs containing product and waste. Additionally, this site has reported unspecified organic liquid mixture, an aqueous solution with less than 10 percent total organic residues, oil/water separation sludge, other empty containers 30 gallons or more, unspecified oil-containing waste. The disposal methods are reported to be Treatment, Tank, Disposal, Other, and Recycler. There are also active UST reported at this location, which may include up to three USTs containing motor vehicle fuel. This site has reported a spill of hydrogen peroxide (1 gallon), which was poured down a well to sterilize and draw out chemicals. However a bubbling reaction on the bock top occurred. Cleanup by the fire department, hazardous materials division, was initiated. Last, one reported LUST released gasoline to other groundwater; however, post remedial action monitoring is underway.

- ◆ **Former Chevron (1488 Freedom Boulevard):** This property is located 0.18-mile cross-gradient to the southwest of the project site. This property was listed within the LUST, RCRA-SQG, Finds, HIST UST, and Cortese databases. The Resource Conservation and Recovery Act (RCRA) – Small Quantity Generator (SQG) database contains selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Small quantity generators generate less than 1,000 kilograms (kg) of hazardous waste, or over less than 1 kg of acutely hazardous waste per month. SQGs generate between 100 kg and 1,000 kg of hazardous waste per month.

One (1) reported LUST released gasoline to other ground water. Post remedial action monitoring is currently underway. The leak was discovered through subsurface monitoring. The USTs were pulled in 1984. The released product continues to be removed. The site is reported to possibly be at low risk. This site is also a reported small quantity generator; no violations have been found. According to the EDR database search, this site has included four (4) historical USTs that contained product and waste.

- ◆ **Beacon Station (1597 Freedom Boulevard):** This property is located 0.25-mile cross-gradient to the west of the project site. This property was listed within the UST, LUST, Cortese, HAZNET, HIST UST, CA FID UST, and SWEEPS UST. This site is reported as an UST location. One (1) reported LUST released gasoline to other ground water. Remedial action (cleanup) is underway. Groundwater gradient is reported to be highly variable on- and off-site at this regulatory property. Additionally, there are reported possible off-site sources that may be causing a possible commingled plume. This site is reported to maintain/handle/transport other organic solids and aqueous solutions with less than 10 percent total organic residues; the reported disposal method is Treatment, Tank and Transfer

Station. There are currently three (3) reported historical USTs that contained product. Additionally, the site is reported as an active UST location.

4.2.1.3 Orphan Summary

According to EDR's *Preliminary Hazardous Materials Assessment Report Desktop Reference*, dated 1996, some reported sites (Orphan Sites) are unmappable as the exact locations remain undefined. Listings in publicly available records, which do not have adequate address information, are not generally considered practically reviewable. For the purposes of this Assessment, practically reviewable is defined as information provided in a manner and in a form that yields information without the need for extraordinary analysis of irrelevant data. Although the location of these sites may be unknown, the site and detail information are often available through EDR.

RBF's review of Orphan Sites consisted of a verification that the subject site is not listed (i.e., referenced by name or street address) and a review to identify if any of the Orphan Sites cause a moderate to high potential to create an REC within the boundaries of the subject site. A potential REC on the subject site caused by one or more of the Orphan Sites is considered to be low due to the groundwater flow direction from the subject site, distance from subject site, and/or the status of the identified site.

4.2.2 GeoTracker Search

RBF searched the project site vicinity on GeoTracker. GeoTracker was developed pursuant to a mandate by the California State Legislature to investigate the feasibility of establishing a statewide Geographic Information System (GIS) for leaking underground fuel tank (LUFT) sites and is maintained by the State Water Resources Control Board. RBF makes no claims as to the completeness or accuracy of GeoTracker; our review of GeoTracker's findings can only be as current as their listings and may not represent all known or potential hazardous waste or contaminated sites. RBF searched all sites within GeoTracker in the City of Watsonville, County of Santa Cruz with the following search names: the street names "Atkinson", "Atkinson Ln", and "Atkinson Lane"; and the address numbers "56" and "127". The above searches indicated that no properties are listed within the boundaries of the project site; refer to Appendix B, *Documentation*. Refer to Section 4.2.1.2 for a discussion of off-site properties located within a one-mile radius of the project site.

4.2.3 Additional Environmental Record Searches

No additional environmental records searches were performed during the preparation of this Assessment.

**Table 1
Identified Sites Within a One-Mile Radius of the Project Site**

EDR Map ID#	Site Name/Address	Direction from Project site	Regulatory Database	Site Status	Potential for a significant environmental condition on the Project site
A1	Emma's Car Wash 1461 Freedom Boulevard Watsonville, Ca	0.16-mile West of the project site	LUST Cortese	Reported LUST released gasoline to other ground water. Case closed on May 20, 1988. Reported in the Cortese database. One 10,000 and one 8,000 gallon gasoline tanks and one 8,000 gallon diesel tank were removed.	Low (Refer to site status)
B2 B3 B4 B5 B6 B7 B8 B9 B10	Regal Station #432 Exxon CO USA #70115 Nella Oil/Exxon Station #33 Olympian 1455 Freedom Boulevard Watsonville, Ca	0.18-mile West of the project site	Cortese HIST UST HAZNET CA FID UST SWEEPS UST ERNS LUST UST FINDS	Reported in the Cortese database. Reported four (4) historical USTs containing product and waste. Reported unspecified organic liquid mixture, an aqueous solution with less than 10 percent total organic residues, oil/water separation sludge, other empty containers 30 gallons or more, unspecified oil-containing waste. The disposal methods are reported to be Treatment, Tank, Disposal, Other, and Recycler. Reported active UST location. Also reported three USTs containing motor vehicle fuel in the SWEEPS UST database. Also reported spill of hydrogen peroxide (1 gallon); poured down well to sterilize and draw out chemicals, however a bubbling reaction on bock top occurred. Cleanup by fire department haz mat was initiated. Reported LUST released gasoline to other groundwater. Post remedial action monitoring is currently taking place. Reported in the FINDS database.	Moderate (Refer to site status; also refer to Section 4.1.2.9, <i>File Record Review, Off-Site Properties</i>)
B11	1457 Freedom Boulevard Watsonville, Ca	0.16-mile West of the project site	CHMIRS	Reported spill on November 18, 1994; moving vehicle lost pan plug – oil strewn along roadway (approximately 5 quarts). Retrieved by local fire department with absorbent. No evacuations were conducted.	Low (No reported contamination to groundwater)
A12	Wells Fargo Bank Property R.V. Ahlport Inc., Freedom Exxo 1477 Freedom Boulevard Watsonville, Ca	0.17-mile West of the project site	LUST Cortese HIST UST	Reported LUST released gasoline to other ground water (piping overflow). Case closed on June 17, 1992. The incident was reported as minor, requiring no remedial action. Reported in the Cortese database. Reported three (3) historical USTs containing product.	Low (Refer to site status)
14	Jams Izumizaki 50 Blanca Lane Watsonville, Ca	0.12-mile North of the project site	HIST UST	Reported one (1) historical UST containing product.	Low (No reported contamination)
C15 C16	Rent Power Inc. 1484 Freedom Boulevard Watsonville, Ca	0.15-mile West of the project site	HIST UST	Reported two (2) historical USTs containing product and waste.	Low (No reported contamination)
C17	Former Chevron Station 9- 7517 Dave Aart Datsun 1488 Freedom Boulevard Watsonville, Ca	0.18-mile Southwest of the project site	LUST RCRA-SQG FINDS HIST UST Cortese	Reported LUST released gasoline to other ground water. Post remedial action monitoring is currently underway. The leak was discovered through subsurface monitoring. The USTs were pulled in 1984. Product continues to be removed. The site is reported to possibly be at low risk. Reported small quantity generator; no violations found. Reported in the FINDS database. Reported four (4) historical USTs containing product and waste. Reported in the Cortese database.	Moderate (Refer to site status; also refer to Section 4.1.2.9, <i>File Record Review, Off-Site Properties</i>)
21	Fowle Reservoir 1521 Freedom Boulevard Watsonville, Ca	0.21-mile West of the project site	HIST UST	Reported one (1) historical UST containing product.	Low (No contamination reported)
D22 D23 D24 D25	Beacon Station #3-400 1597 Freedom Boulevard Watsonville, Ca	0.25-mile West of the project site	UST LUST Cortese HAZNET HIST UST CA FID UST SWEEPS UST	Reported UST locations. Reported LUST released gasoline to other ground water. Remedial action (cleanup) is underway. Groundwater gradient is reported to be highly variable on/off site. Possible off-site sources, possible commingled plume. Reported in the Cortese database. Reported other organic solids and aqueous solutions with less than	Moderate (Refer to site status; also refer to Section 4.1.2.9, <i>File Record Review, Off-Site Properties</i>)

Table 1 (Continued)
Identified Sites Within a One-Mile Radius of the Project Site

EDR Map ID#	Site Name/Address	Direction from Project site	Regulatory Database	Site Status	Potential for a significant environmental condition on the Project site
				10 percent total organic residues. Reported disposal method is Treatment, Tank and Transfer Station. Reported three (3) historical USTs containing product. Reported active UST location. Reported three (3) USTs containing motor vehicle fuel in the SWEEPS UST database.	
D26	Edwards Exxon 1610 Freedom Boulevard Watsonville, Ca	0.25-mile West of the project site	HIST UST	Reported three (3) historical USTs containing product.	Low (No contamination reported)
D27	Times Station 1640 Freedom Boulevard Watsonville, Ca	0.30-mile West of the project site	LUST Cortese	Reported LUST released gasoline to other groundwater. Case closed on February 15, 1991. Reported in the Cortese database.	Low (Refer to site status)
E28 E29	Tosco – Facility #5535 Union Oil SS #5535 1428 Freedom Boulevard Watsonville, Ca	0.26-mile South of the project site	LUST CA FID UST HIST UST SWEEPS UST	Reported LUST released gasoline to other groundwater. Remedial action (cleanup) is underway. Reported active UST location. Reported six (6) historical USTs containing product and waste. Reported three (3) USTs containing motor vehicle fuel and waste oil in the SWEEPS UST database.	Low (Located greater than ¼-mile cross-gradient)
E30	Tomra Pacific Inc/La Princesa Market 1424 Freedom Boulevard Watsonville, Ca	0.27-mile South of the project site	SWRCY	Reported operating from July 1, 1998 to current.	Low (No contamination reported)
F31	Eds Alloy Recycling 1705 Freedom Boulevard Freedom, Ca	0.35-mile West of the project site	SWRCY	Reported operating facility from September 15, 2007 to current.	Low (No contamination reported)
F32	Jims Business Machines 1715 Freedom Boulevard Freedom, Ca	0.37-mile West of the project site	RCRA-SQG FINDS	Reported small quantity generator; no violations found. Reported in the FINDS database.	Low (No contamination reported)
F33 F34 F35	Freedom Car Wash Lone Tree Prop 1719 Freedom Boulevard Watsonville, Ca	0.38-mile West of the project site	CA FID UST SWEEPS UST HAZNET LUST HIST UST	Reported active UST location. Reported four (4) USTs containing motor vehicle fuel and waste (currently empty) within the SWEEPS UST database. Reported other empty containers 30 gallons or more. The reported disposal method is the Recycler. A reported LUST released unleaded gasoline to soil only. Case closed on June 20, 1994. Reported three (3) historical USTs containing product.	Low (Refer to site status; no reported contamination to groundwater; located greater than ¼ mile down-gradient)
G36	Grimmer Orchards 200 Holohan Road Watsonville, Ca	0.34-mile North of the project site	HIST UST	Reported one (1) historical UST containing product.	Low (No contamination reported)
G37 G38	Santa Cruz Co Agri Comm Holohan Maintenance Yard 198 Holohan Road Watsonville, Ca	0.35-mile North of the project site	FINDS CERC-NFRAP RCRA-NonGen LUST Cortese	Reported in the Finds database. This site is reported as a not on the National Priorities List (NPL); a preliminary assessment was conducted. No further remedial action is planned. This site is reported as a hazardous materials handler: the site does not reportedly generate hazardous waste. No violations have been found. Reported LUST released diesel to other groundwater, as a result of structure failure. Post remedial action monitoring is reported. Free product was removed from water table. Contaminated soil was removed and treated. An additional leak reported was submitted on July 20, 1995. Tank monitoring well was impacted. The domestic well is reported to be relocated. Delineation is reported to be completed and monitoring of natural attenuation is underway. Reported in the Cortese database.	Low (Located greater than ¼ mile up-gradient; refer to site status)

Table 1 (Continued)
Identified Sites Within a One-Mile Radius of the Project Site

EDR Map ID#	Site Name/Address	Direction from Project site	Regulatory Database	Site Status	Potential for a significant environmental condition on the Project site
G39	Transportation Department 196 Holohan Road Watsonville, Ca	0.35-mile North of the project site	HIST UST	Reported one (1) historical UST containing waste.	Low (No contamination reported)
40	T.J. Arbamas 182 Holohan Road Watsonville, Ca	0.47-mile North of the project site	HIST UST	Reported one (1) historical UST containing product.	Low (No contamination reported)
41	Don Heim and Son Dry Cleaners 1350 Freedom Boulevard Watsonville, Ca	0.28-mile South of the project site	SLIC	Reported spill site. Pollution characterization is underway.	Low (Located greater than ¼ mile down-gradient from the project site)
42	Shell Station 1830 Freedom Boulevard Watsonville, Ca	0.48-mile South of the project site	LUST Cortese	Reported LUST released gasoline to soil only. Case closed on February 22, 1988. Reported in the Cortese database.	Low (Refer to site status; located greater than ¼ mile down-gradient from the project site)
43 49	Braycovich Property 118-A Holohan Road Watsonville, Ca	0.45-mile Northeast of the project site	LUST HAZNET Cortese	Reported LUST released gasoline to drinking water wells. Remediation plan is underway. Three monitoring wells were installed on September 26, 2000; one 550 gallon UST was removed on May 29, 1996. MTBE and Benzene have been detected in groundwater and in domestic well. Reported unspecified oil-containing waste. The reported disposal method is Recycler. Reported in the Cortese database.	Low (Located greater than ¼ mile cross-gradient from the project site)
44	J's Gas and Save 1114 Freedom Boulevard Watsonville, Ca	0.40-mile South of the project site	LUST	Reported LUST released gasoline to other groundwater due to overfill. Remedial action (clean up) is underway. The overfill incident occurred in the late 70's. The USTs were removed in 1999 with over excavation. Three (3) monitoring wells were installed. Case is considered for closure by the RWQCB (October 1998); however, SC County Environmental Health still had soil issues. SC County has lead to additional soil and groundwater investigation (2001).	Low (Located greater than ¼ mile down-gradient of the project site)
45	Freedom BP 1902 Freedom Boulevard Watsonville, Ca	0.51-mile West of the project site	LUST Cortese SWEEPS UST	Reported LUST released gasoline to other groundwater. Post remedial action monitoring is underway. Reported in the Cortese database. Reported four (4) USTs containing motor vehicle fuel and oil.	Low (Located greater than ½ mile from the project site)
H46 H47	E's Ranch Milk 1 Green Valley Road Freedom, Ca	0.51-mile West of the project site	LUST Cortese HIST UST UST	Reported LUST released gasoline to other groundwater, via piping overfill. Case closed on December 22, 1997. Reported in the Cortese database. Reported three (3) historical USTs containing product. Reported UST location	Low (Refer to site status; located greater than ½ mile from the project site)
48	Green Valley Road Alternative Education Facility 229 Green Valley Road Freedom, Ca	0.50-mile North of the project site	SCH ENVIROSTOR	Reported school investigation site. Potential soil contamination from agricultural/livestock uses.	Low (No contamination to groundwater reported)
50	Pajaro Valley Electric In 1020 Freedom Blvd Watsonville, Ca	0.50-mile South of the project site	LUST Cortese	Reported LUST released gasoline to soil only. Case closed on October 26, 1994. Reported in the Cortese database.	Low (Refer to site status; located greater than ½ mile down-gradient from the project site)
51	Watsonville Community Hospital 298 Green Valley Road Watsonville, Ca	0.50-mile North of the project site	LUST SWEEPS UST	Reported LUST released diesel to an undefined area. Case closed on February 26, 1997. One (1) reported historical UST containing diesel.	Low (Located greater than ½ mile from the project site)

Table 1 (Continued)
Identified Sites Within a One-Mile Radius of the Project Site

EDR Map ID#	Site Name/Address	Direction from Project site	Regulatory Database	Site Status	Potential for a significant environmental condition on the Project site
I52	Schiavon Unocal Station 2001 Freedom Blvd Freedom, Ca	0.74-mile Northwest of the project site	Notify 65 LUST Cortese	Reported incident in the Notify 65 database. Reported LUST released gasoline to other groundwater. Reported post remedial action monitoring. Reported in the Cortese database.	Low (Located approximately ¾-mile from the project site)
I53	Dave's Paint and Body Shop 2025 Freedom Boulevard Watsonville, Ca	0.84-mile Northwest of the project site	ENVIROSTOR	Reported historical incident; discharge of paints and solvents to a drainage ditch along Freedom Boulevard.	Low (Located greater than ¾-mile from the project site)
54	Scurich Gas Station 601 East Lake Avenue Watsonville, Ca	0.80-mile Southeast of the project site	ENVIROSTOR	Reported historical incident; site contaminated with PH's and lead. This site is a historic gas station with a LUST.	Low (Located greater than ¾-mile down-gradient from the project site; no reported contamination to groundwater)
J55	Watsonville Cold Storage 645 Main Street Watsonville, Ca	1.02-miles South of the project site	ENVIROSTOR	Reported historical incident; possible use of asbestos.	Low (Located greater than 1.0-mile down-gradient; no reported contamination to groundwater)
J56 J57 J58	PG&E Watsonville #1 618 Main Street Watsonville, Ca	1.00-mile South of the project site	DEED VCP ENVIROSTOR Notify 65	Reported active voluntary clean up (Town Gas Plant location from 1871 to 1906). Reported DEED Restriction in place. Groundwater monitoring is taking place. Reported incident in Notify 65 database.	Low (Located approximately 1.0-mile down-gradient)

Note: Map ID numbers match the site numbers indicated on the map of sites within one-mile radius contained within Appendix A, *EDR Search*.

POTENTIAL FOR ENVIRONMENTAL CONDITION KEY:

Low Potential=Potential to create environmental conditions on project site is considered to be low for one or several factors including, but not limited to, the following:

direction of groundwater flow is away from the project site (down gradient); remedial action is underway or completed at off-site location; distance from project site is considered great enough to not allow the creation of a potential environmental condition; only soil was affected by the occurrence; and/or reporting agency has determined no further action is necessary.

Moderate Potential=Potential to create environmental condition on project site is considered to be moderate and further investigation may be necessary due to one or several factors including, but not limited to, the following:

occurrence reported but remedial status unknown; unable to confirm remedial action completed; proximity to project site; groundwater flow is towards the project site (up gradient).

High Potential= Potential to create environmental condition on project site is considered to be high and further investigation necessary due to one or several factors including the following:

occurrence noted on-site and status if remedial action unknown; occurrence affected groundwater and is located up gradient from project site.

Section 5 SITE RECONNAISSANCE

The following section documents the results of the visual site inspection conducted by RBF on May 20, 2008, and identifies areas in which an environmental condition could arise. Refer to both on and off-site photographs taken on May 20, 2008 presented at the end of Section 5.0, as a visual reference. For information regarding results of the historical and governmental records searches, refer to Section 4.0, HISTORICAL AND REGULATORY INFORMATION SEARCHES. For information regarding CEQA Thresholds of Significance, refer to Section 6.0, HAZARDS AND HAZARDOUS MATERIALS ANALYSIS.

5.1 ON-SITE OBSERVATIONS

5.1.1 Methodology and Limiting Conditions

RBF conducted a visual site inspection on May 20, 2008. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs, including hazardous substances and petroleum products in connection with the on-site properties (including soils, surface water, and groundwater). During the site inspection, RBF performed a visual observation of readily accessible areas of the project site and immediately adjoining properties. RBF could not visually inspect surficial soils within portions of the project due to the presence of row crops and natural vegetation. RBF did not examine the interior of the on-site residential structures.

A site inspection was conducted for the project site and immediate area on May 20, 2008, and RBF's site reconnaissance is discussed in detail herein.

5.1.2 Description of On-Site Structures and/or Uses

The project site consists of agricultural land uses (orchards and berry row-crops). A total of eight (8) structures were observed on-site. Approximately five (5) structures were used for residential uses. RBF did not examine the interior of the on-site residential structures. Three (3) structures were used for storage purposes. Storage structures appeared to be located on bare soil. Staining was observed beneath visible equipment on bare soil.

5.1.3 Asbestos Containing Material

Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos Containing Materials (ACMs) are building materials containing more than one percent (1%) asbestos (some state and regional regulators impose a one-tenth of one percent (0.1%) threshold). Permanent on-site structures exist within the boundaries of the project site. Based on available aerial photographs, the on-site structures are anticipated to have been constructed prior to 1978. It is likely that ACMs may be associated with these structures.

However, no visible ACMs were being released into the environment, as observed on May 20, 2008 site inspection. RBF did not observe the interior of the on-site residential structures, nor did RBF test on-site materials for the absence or presence of ACMs.

5.1.4 Lead-Based Paints

Until 1978, when the U.S. Consumer Product Safety Commission (CPSC) phased out the sale and distribution of residential paint containing lead, many homes were treated with paint containing some amount of lead. It is estimated that over 80 percent of all housing built prior to 1978 contains some Lead-Based Paints (LBP). The mere presence of lead in paint may not constitute a material to be considered hazardous. In fact, if in good condition (no flaking or peeling), most intact LBP is not considered to be a hazardous material. In poor condition LBPs can create a potential health hazard for building occupants, especially children.

Permanent on-site structures exist within the boundaries of the project site. Based on available aerial photographs, the on-site structures are anticipated to have been constructed prior to 1978. It is likely that LBPs may be associated with these structures. However, no visible LBPs were separating from materials and visibly being released into the environment, as observed on May 20, 2008 site inspection. RBF did not observe the interior of the on-site residential structures, nor did RBF test on-site materials for the absence or presence of LBPs.

5.1.5 Solid Waste Disposal

No indication of on-site solid waste disposal practices (i.e., landfills) was apparent during the May 20, 2008, site inspection. Although no landfilling operations were noted, burn pits were noted throughout APN 048-231-18. The on-site burn pits appeared to be associated with household debris, which was confirmed during an interview with Mr. Israel Zapeda, the current property owner; refer to Section 4.1.1.4, *Current Property Owner (APN 048-231-17 and -18)*. Additionally, miscellaneous debris (i.e., stockpiled agricultural equipment, metal piping, PVC piping, concrete piping, wood, metal sprinkler heads, etc.) was observed within the APNs 048-231-18 and 048-251-09, located within the northern and western boundaries of the project site.

Broken asphalt was noted within the northern portion of APN 048-221-09, visibly interspersed with on-site soil. Based on an interview conducted with Mr. Bruce Lamb, on June 4, 2008, it was determined that this asphalt was placed there by the adjoining Portuguese Community Center, so that they may utilize this portion of the project site for parking purposes during events.

5.1.6 Utilities

Overhead power lines (with transformers) were noted within the boundaries of the project site (traversing the project site in a north/south direction) during the May 20, 2008, site inspection. On-site pole-mounted transformers appeared to be in good condition, no visible staining was noted.

Additionally, one (1) on-site substation was visible within the western portion of the project site. The substation appeared to be underlain by concrete and asphalt. Minor discoloration was noted on the concrete. This visible staining is considered to be *de minimus*.

5.1.7 Polychlorinated Biphenyls (PCBs)

Pole-mounted transformers and one (1) substation were noted on-site during the May 20, 2008, site inspection. The minor staining was noted on concrete in association with the on-site substation during the May 20, 2008, field reconnaissance.

5.1.8 Chemical Storage Tanks (ASTs and USTs) and Diesel Generators

During the May 20, 2008, site inspection, the project site was inspected for fill pipes, vent pipes, areas of abnormal or heavy staining, manways, manholes, access covers, concrete pads not homogenous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps. No evidence of USTs was noted during the May 20, 2008, site inspection. However, multiple ASTs were noted on-site. ASTs consisted of portable ASTs containing pesticides and water were noted. Additionally, one (1) large AST containing water was noted within APN 048-251-09. Two (2) metal ASTs and two (2) 55-gallon drums were visible within metal secondary containment, located within APN 048-231-18. The two (2) ASTs were labeled unleaded and dyed diesel. A dark liquid and odor was visible in the secondary containment. A minor drip line was visible underneath the pumping device. Additionally, dark staining and odor was noted on the 55-gallon drums; a dark fluid was noted within the metal secondary containment.

5.1.10 Spills

Minor spills were visible underlying miscellaneous agricultural equipment was observed during the May 20, 2008, site inspection.

5.1.11 Wells

Multiple water wells were observed throughout the project site during the May 20, 2008 site inspection. Minor staining was visible surrounding on-site water wells during the May 20, 2008, site inspection. These water wells appeared to use electricity as a means of pumping water. Dark staining was visible around one of the on-site water wells in use.

5.1.12 Pits, Ponds, Lagoons

One (1) pond and one (1) wetland feature were observed during the May 20, 2008 site inspection within the northern and western portions of the project site, respectively. Additionally, the Corralitos Creek was observed along the northern boundary of the project site.

5.1.13 Septic Systems

Residential septic systems are possible receivers of household waste and can be the source for soil and groundwater contamination. Active and abandoned residential structures not connected to the city sewer are likely to have septic systems. Five (5) residential structures were noted on-site. Based on available building records, on-site septic systems have been reported in association with the on-site addresses 56 and 127 Atkinson Lane (refer to Section 4.1.1, *Interviews*). There are reported septic issues/violations. However, these violations are reported to be closed by the City of Watsonville, Building and Safety Department (refer to Appendix B, *Documentation*).

5.1.14 Hazardous Materials

During a preliminary observation of the project site on May 20, 2008, dark staining was visible, which suggested that a surface release of petroleum based material has recently occurred. RBF was unable to observe the bare soils underlying the on-site petroleum (unleaded and dyed diesel) ASTs and two (2) 55-gallon drums. RBF observed dark liquid within the metal secondary contaminant.

Also, RBF observed evidence of burning activities located on APN 048-251-09. Based on an interview conducted with the current property owner, Mr. Israel Zapeda, on August 15, 2008, it was determined that on-site household trash is either burned on-site or taken to the local land fill. Mr. Zapeda stated that no hazardous materials are burned on-site.

5.2 OFF-SITE OBSERVATIONS

As previously stated in Section 3.0, *Physical Setting*, an adjoining property is considered any real property or properties that the border of which is contiguous or partially contiguous with that of the project site, or that would be contiguous or partially contiguous with that of the project site but for a street, road, or other public thoroughfare separating them. An adjacent property is any real property located within 0.25 miles of the project site's border. Visual observations of the publicly accessible portions of adjoining properties were conducted on May 20, 2008, as part of this Assessment and are described below.

5.2.1 Utilities

Overhead power lines (with transformers) and typical roadside utilities were noted within adjacent properties during the May 20, 2008 site inspection. No staining or leaking was observed with respect to utilities during the May 20, 2008 site inspection.

5.2.2 Chemical Storage Tanks

Physical evidence, consisting of gas station fuel islands, indicating the presence of underground storage/fuel tanks was observed during the May 20, 2008 site inspection. No visible or physical

evidence to indicate the presence of off-site ASTs or USTs were observed during the May 20, 2008 site inspection of adjoining properties. Based on the EDR Database search and physical observations during the site inspection, adjacent commercial uses (i.e., gas and service stations) located within 0.25 mile currently maintain USTs. Refer to Table 1, *Identified Sites Within a One-Mile Radius of the Project Site*, for a detailed listing of off-site regulated properties (within one-mile of the project site).

5.2.3 Hazardous Materials

During a preliminary observation of accessible adjoining properties on May 20, 2008, no visible or physical evidence was observed to suggest that a surface release of petroleum based material has recently occurred. No unusual or suspicious materials handling or storage practices were observed with respect to adjacent properties.



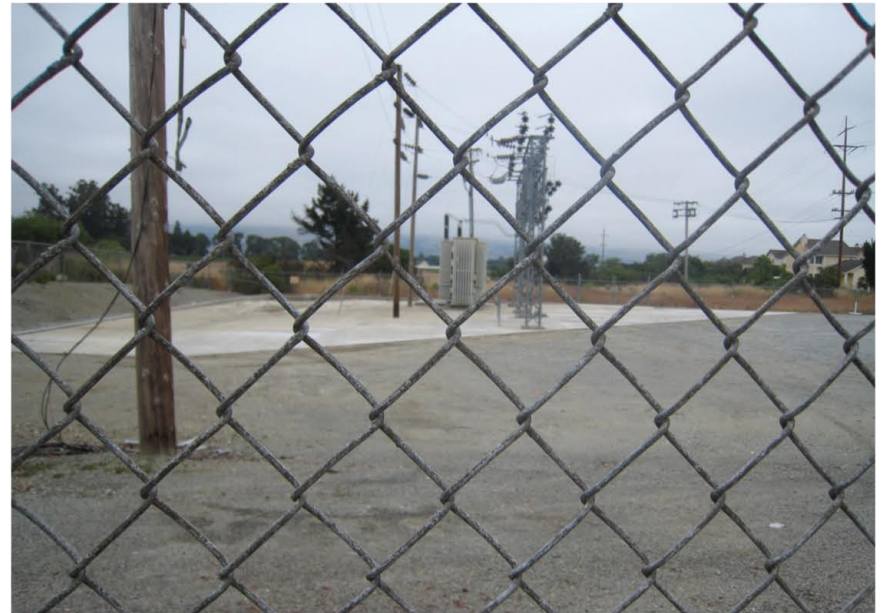
Typical view of on-site agricultural (row-crop) land uses.



View of on-site wetlands located within the western portion of the project site.



View of on-site vacant land and residential structure located within the western portion of the project site.



View of on-site substation located within the western portion of the project site.



View of on-site stockpiled agricultural-related debris (i.e.; PCB piping, metal pipes, sprinkler heads, wood, etc.) located along the northern portion of the project site.



View of on-site ASTs labeled unleaded and dyed diesel fuel. Metal secondary containment is visible. Liquid is noted within secondary containment.



View of on-site soil staining associated with agricultural equipment.



View of asphalt debris visible in soil. Asphalt debris was noted within the north-central portion of the project site.



View of residential uses located to the north of the project site.



View of the Corralitos Creek which trends along the northern boundary of the project site.



View of row-crops located to the east of the project site.



Typical view of residential uses located to the south and west of the project site.

Section 6 HAZARDOUS MATERIALS ANALYSIS

6.1 THRESHOLDS OF SIGNIFICANCE

Appendix G, *Environmental Checklist Form*, of the CEQA Statutes and Guidelines contains analysis guidelines related to the assessment of hazards and hazardous materials. These guidelines have been utilized as thresholds of significance for this analysis. As stated in Appendix G, a project may create a significant environmental impact if one or more of the following occurs:

- Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials;
- Create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment;
- Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing school or proposed school;
- Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment;

6.2 IMPACTS

The following findings and opinions are based upon review of reasonably ascertainable referenced material available to RBF during the preparation of this Assessment, which included historical aerial photographs, historical topographic maps, regulatory databases, interviews, and a site inspection (refer to Table 2, *CEQA Appendix G Hazards and Hazardous Materials Checklist*):

**Table 2
CEQA Appendix G Hazards and Hazardous Materials Checklist**

Would the project:	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b. Create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		X		
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing school or proposed school?			X	
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X

6.2.1 Create A Significant Hazard To The Public Or The Environment Through The Routine Transport, Use, Or Disposal Of Hazardous Materials?

Less Than Significant Impact. Although project development may result in the routine transport of hazardous materials during construction (i.e., ACMs, LBPs, and/or contaminated soils, etc.), handling measures are required by the City of Watsonville, County of Santa Cruz (Fire Department and Department of Environmental Health), and the Monterey Bay Unified Air Quality Management District throughout the life of the project. These measures include standards and regulations regarding the storage, handling, and use of these materials. The project would develop residential and park land uses. No significant hazards to the public or environment are anticipated during the occupancy of the project as proposed. On-site use of hazardous materials may include cleaning solvents, fertilizers, pesticides, and other materials used in the regular maintenance of residential communities and park uses. With proper use and disposal, these chemicals are not expected to result in hazardous or unhealthful conditions for patrons of the park uses or on-site residential uses. A less than significant impact would occur in this regard after compliance with applicable State and local regulations.

Mitigation Measures: No mitigation measures are required.

6.2.2 Create A Significant Hazard To The Public Or The Environment Through Reasonable Foreseeable Upset And Accident Conditions Involving The Release Of Hazardous Materials Into The Environment?

Less Than Significant Impact With Mitigation Incorporated. With implementation of Mitigation Measure 1 (MM-1) through MM-13, the project would not create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment.

6.2.2.1 Site Conditions

Site Inspection

Evidence to suggest the presence or likely presence of a release of hazardous materials within the boundaries of the project site was observed during the May 20, 2008, site inspection, which consisted of the following:

- ◆ Although located within metal secondary containment, on-site ASTs and 55-gallon tanks (located within APN 048-231-18) are likely to have been the source of a release of petroleum products into the soil. With implementation of the recommended MM-1 and MM-2, the miscellaneous debris (i.e., stockpiled metal piping and 55-gallon drums, etc.) and ASTs would be removed prior to construction. Once removed, a visual inspection of the areas beneath the removed materials would be performed. Any stained soils observed underneath the removed materials would be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required. This existing environmental concern would be reduced to less than significant levels upon implementation of MM-1 through MM-2.
- ◆ RBF observed evidence of burn pits located on APN 048-251-09. Based on an interview conducted with the current property owner, Mr. Israel Zapeda, on August 15, 2008, it was determined that on-site household trash is either burned on-site or taken to the local land fill. Mr. Zapeda stated that no hazardous materials are burned on-site. Impacts in this regard are considered less than significant.
- ◆ On-site pole-mounted transformers were noted on-site during the May 20, 2008 site inspection. Upon implementation of MM-3, any transformers to be relocated during site construction/demolitions would be required to be conducted under the purview of the local utility purveyor in order to identify proper handling procedures regarding potential PCBs. With implementation of MM-3, impacts in this regard would be reduced to less than significant levels.
- ◆ Multiple on-site water wells are noted within the boundaries of the project site. It is anticipated that the wells are/were used for agricultural uses. All water wells would be required to be properly closed and abandoned pursuant to applicable state and federal

guidelines (MM-4). Soils located within the vicinity of the water wells would be inspected for stained soils. Any stained soils observed surrounding the water wells would be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required. With implementation of MM-4, impacts in this regard would be reduced to less than significant levels.

- ◆ Evidence of surficial staining was noted within the on-site agricultural equipment storage area and within on-site storage structures (located on bare soil). Prior to ground disturbance activities, stained soils would be sampled and excavated (if necessary) to determine the exact vertical extent of the contamination (if any) (MM-5). If during soil removal, evidence of petroleum products appears to continue below the ground surface, sampling would be performed characterize the extent of contamination and identify appropriate remedial measures that would be implemented prior to construction. With implementation of MM-5, impacts in this regard would be reduced to less than significant levels.

On-Site Structures

According to the documentation obtained during the course of this Assessment, it is anticipated that the on-site structures were constructed prior to 1978. The interior of the on-site structures was not observed during the May 20, 2008 site inspection. Prior to demolition and/or renovation activities, the interior of individual on-site structures within the subject site would be visually inspected (MM-6). Should hazardous materials be encountered with any on-site structure, the materials would be tested and properly disposed of in accordance with State and Federal regulatory requirements. Any stained soils or surfaces underneath the removed materials would be sampled, if necessary. Results of the sampling would indicate the appropriate level of remediation efforts that may be required.

As the on-site structures appear to have been constructed prior to 1978, ACMs may be present on-site. Pursuant to Cal OSHA regulations, an asbestos survey must be conducted by an Asbestos Hazard Emergency Response Act (AHERA) and Cal OSHA certified building inspector to determine the levels of asbestos in structures (MM-7). Additionally, LBPs may be present, as a result of the age of the on-site structures. On-site LBPs would also be required to be disposed of to an appropriate permitted disposal facility should renovation or demolition occur (MM-8).

Prior to ground disturbance activities, the specific location of the septic tanks would be determined (MM-9). Once located, the septic tanks would be removed and properly disposed of at an approved landfill facility. Once the tanks are removed, a visual inspection of the areas beneath and around the removed tanks would be performed. Any stained soils observed underneath the septic tanks would be sampled. Results of the sampling (if necessary) would indicate the level or remediation efforts that may be required.

With implementation of the recommended Mitigation Measures (MM-6 through MM-9), impacts associated with on-site structures would be reduced to less than significant levels.

Off-Site Properties

Based on available documentation discussed in Section 4.0, *HISTORICAL & REGULATORY SEARCHES*, no regulatory properties have been reported within the boundaries of the project site. However, three (3) LUST sites are reported within off-site properties located cross-gradient within 1/8-mile of the project site. Based upon available records maintained by the County of Santa Cruz, Department of Environmental Health, two of the three contamination plumes (located at 1455 Freedom Boulevard and 1597 Freedom Boulevard) appear to be moving away from the project site. However, the contamination plume identified at the off-site address 1488 Freedom Boulevard appears to be flowing toward the project site. Currently the contamination plume appears to be too far away to impact the project site. However, as this property has not yet received a case closure status and the plume appears to be migrating toward the project site, the on-site groundwater may become impacted. Therefore, prior to ground disturbance activities, a qualified hazardous materials consultant with Phase I and/or Phase II experience would be required to review available files for the off-site property 1488 Freedom Boulevard (MM-10). Should files indicate that the address 1488 Freedom Boulevard may have impacted groundwater underlying the project site, Phase II testing would be required to occur in order to confirm or deny the presence of contaminated groundwater. In accordance with MM-10, should contaminated groundwater be present within underlying groundwater at the project site, contaminated groundwater shall not be used for drinking water purposes (MM-11). Also, should contaminated groundwater be anticipated to be encountered during construction activities, the implementing agency's Hazardous Waste/Materials Coordinator would oversee operations and proper safety/handling procedures involving contaminated groundwater (MM-11).

6.2.2.2 Historic Recognized Environmental Condition(s)

A "historic recognized environmental condition" (HREC) is defined as a condition which in the past would have been considered a REC, but which may or may not be considered a REC currently. HRECs are generally conditions which have in the past been remediated to the satisfaction of the responsible regulatory agency. Based on the *Phase I Environmental Site Assessment, 56 Atkinson Lane, Watsonville*, dated August 3, 2006, conducted by EIS for the western portion of the project site (56 Atkinson Lane), the historical agricultural activities and former vehicle maintenance areas were reported as recognized environmental conditions. EIS recommended a soil investigation to determine whether the shallow soil had been impacted by pesticides formerly used at the orchard, or by historical vehicle maintenance in the vicinity of the sheds located at this on-site property.

The *Phase II Limited Soil Investigation, 56 Atkinson Lane, Watsonville*, dated August 21, 2006, conducted by EIS, confirmed that relatively low concentrations of arsenic, chromium, copper, lead, dichlorodiphenylchloroethane (DDD), dichlorodiphenyldichloroethylene (DDE),

dichlorodiphenyltrichloroethane (DDT), and β -hexachlorocyclohexane (β -BHC) were present in samples. No significant petroleum hydrocarbon contamination was detected in the soil samples.

The presence of organochlorine pesticides at the site appears to be the result of historical use of the property as a fruit orchard. Detected concentrations of DDD, DDE, DDT, and β -BHC were below applicable Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for residential properties where groundwater is a potential source of drinking water. Additionally, detected concentrations of DDD, DDE, DDT, and β -BHC were below applicable United States Environmental Protection Agency (EPA) Preliminary Remediation Goals (PRGs) for residential properties. Therefore, historical agricultural activities at this location do not appear to pose a significant, long-term (chronic) threat to human health and the environment.

The presence of arsenic, copper, and lead could be the result of historical use of the property as a fruit orchard; however, these metals also occur naturally in soil and may represent natural depositional processes. Chromium detected in selected soil samples appear to represent background chromium concentrations. Concentrations of chromium, copper, and lead detected in soil are well below applicable ESLs and PRGs. According to EIS, these metals do not appear to pose a significant, long-term (chronic) threat to human health and the environment.

Concentrations of arsenic detected in soil at the subject site are within the general background arsenic range of 5 mg/kg to 20 mg/kg for the greater Bay Area soils; however, a site-specific background arsenic concentration could not be determined from the analytical data produced in the Phase II limited soil investigation.

Therefore, based on available hazardous materials documentation regarding these historical environmental conditions at the on-site property 25 Atkinson Lane, impacts in this regard are less than significant.

6.2.2.3 Historical Use(s) Information

Based upon the site inspection, review of available historical aerial photographs, and interviews, portions of the subject site were historically used for agricultural (row-crop and orchard) purposes for the past century. Therefore, a combination of several commonly used pesticides (i.e., DDD, DDT, DDE), which are now banned may have been used throughout the subject site. It should be noted that the historical use of agricultural pesticides may have resulted in pesticide residues of certain persistence in soil at concentrations that are considered to be hazardous according to established Federal regulatory levels. The primary concern with historical pesticide residues is human health risk from inadvertent ingestion of contaminated soil, particularly by children. The presence of moderately elevated pesticide residuals in soil present potential health and marketplace concerns. Development of the on-site agricultural row-cop and orchard uses (excluding 25 Atkinson Lane) would be significant unless mitigated, as the subject site has historically been utilized for agricultural purposes for several decades and may contain pesticide residues in the soil.

It is RBF's professional opinion that soil sampling should occur throughout the project site (excluding 25 Atkinson Lane) as determined by a qualified Phase II specialist prior to demolition activities (MM-12). The sampling would determine if pesticide concentrations exceed established regulatory requirements and would identify proper handling procedures that may be required. As stated above, the on-site property 25 Atkinson Lane, which was historically used for agricultural land uses was determined not to pose a significant, long-term (chronic) threat to human health and the environment. Therefore, potential impacts as a result of historical agricultural activities at 25 Atkinson Lane are less than significant. With implementation of MM-12, impacts pertaining to pesticide residues would be reduced to less than significant levels.

6.2.2.4 Data Gaps

During the site inspection, RBF performed a visual observation of readily accessible areas of the project site and immediately adjoining properties. RBF could not visually inspect surficial soils within portions of the project due to the presence of row crops and natural vegetation. RBF did not examine the interior of the on-site residential structures. Additionally, due to time constraints, RBF was unable to request available public files for the on-site addresses 68 Atkinson Lane, 72 Atkinson Lane, and 78 Atkinson Lane. However, these on-site addresses appear to currently consist of and historical have consisted of residential and vacant land uses. Therefore, these data gaps are considered to be *de minimus*.

6.2.2.5 Other Potential Sources of Hazardous Material

Although with implementation of MM-1 through MM-12 would reduce potential impacts from site disturbance activities, accidental conditions may arise during construction of the project. If unknown wastes or suspect materials are discovered during construction by the contractor, which he/she believes may involve hazardous waste/materials, the contractor would be required to complete the following (MM-13):

- ◆ Immediately stop work in the vicinity of the suspected contaminant, removing workers and the public from the area;
- ◆ Notify the Project Engineer of the implementing agency;
- ◆ Secure the areas as directed by the Project Engineer; and
- ◆ Notify the implementing agency's Hazardous Waste/Materials Coordinator.

Mitigation Measures:

MM-1 The miscellaneous debris (i.e., stockpiled metal piping and 55-gallon drums, etc.) shall be removed prior to construction. Once removed, a visual inspection of the areas beneath the removed materials shall be performed. Any stained soils observed

underneath the removed materials shall be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required.

- MM-2 Prior to construction activities, the on-site ASTs should be removed and properly disposed of at an approved landfill facility. Once the ASTs are removed, a visual inspection of the areas beneath and around the removed ASTs should be performed. Any stained soils observed underneath the ASTs should be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required.
- MM-3 Any transformers to be relocated during site construction/demolitions shall be conducted under the purview of the local utility purveyor to identify proper handling procedures regarding potential PCBs.
- MM-4 All water wells shall be properly closed and abandoned pursuant to applicable state and federal guidelines prior to grading activities. Soils located within the vicinity of the water wells shall be inspected for stained soils. Any stained soils observed surrounding the water wells should be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required.
- MM-5 Due to visible evidence of surficial staining associated with the on-site agricultural equipment storage area and on-site storage structures that are located on bare soil, soil within these areas shall be sampled and excavated (if necessary) to determine the exact vertical extent of the contamination (if any). If during soil removal, evidence of petroleum products appears to continue below the ground surface, sampling should be performed characterize the extent of contamination and identify appropriate remedial measures that may be required.
- MM-6 The interior of individual on-site structures within the subject site shall be visually inspected prior to demolition or renovation activities. Should hazardous materials be encountered with any on-site structure, the materials should be tested and properly disposed of in accordance with State and Federal regulatory requirements. Any stained soils or surfaces underneath the removed materials shall be sampled. Results of the sampling would indicate the appropriate level of remediation efforts that may be required.
- MM-7 On-site structures appear to have been constructed prior to 1978. Therefore, due to the age of on-site structures, ACMs may be present. Pursuant to Cal OSHA regulations, an asbestos survey must be conducted by an Asbestos Hazard Emergency Response Act (AHERA) and Cal OSHA certified building inspector to determine the levels of asbestos in structures should renovation or demolition occur.

- MM-8 On-site structures appear to have been constructed prior to 1978. RBF was unable to determine the year that the temporary mobile home structures were constructed. Therefore, due to the unknown date of construction for the temporary mobile home structures, LBPs may be present and must be disposed of to an appropriate permitted disposal facility should renovation or demolition occur.
- MM-9 The specific location of the septic tanks should be determined. Once located, the septic tanks should be removed and properly disposed of at an approved landfill facility. Once the tanks are removed, a visual inspection of the areas beneath and around the removed tanks should be performed. Any stained soils observed underneath the septic tanks should be sampled. Results of the sampling (if necessary) would indicate the level or remediation efforts that may be required.
- MM-10 A qualified hazardous materials consultant with Phase I and/or Phase II experience shall review files for the off-site property 1488 Freedom Boulevard. Should files indicate that the address 1488 Freedom Boulevard may have impacted the project site, Phase II testing shall occur to confirm or deny the presence of contaminated groundwater.
- MM-11 In accordance with the recommended Mitigation Measure 10 (MM-10), should contaminated groundwater be present on-site, contaminated groundwater shall not be used for drinking water purposes. Also, should contaminated groundwater be anticipated to be encountered during construction activities, the implementing agency's Hazardous Waste/Materials Coordinator shall oversee operations and proper safety/handling procedures involving contaminated groundwater.
- MM-12 The subject site has historically been utilized for agricultural purposes for several decades and may contain pesticide residues in the soil. It is RBF's professional opinion that soil sampling should occur throughout the project site (excluding 25 Atkinson Lane) as determined by a qualified Phase II specialist. The sampling would determine if pesticide concentrations exceed established regulatory requirements and would identify proper handling procedures that may be required.
- MM-13 If unknown wastes or suspect materials are discovered during construction by the contractor, which he/she believes may involve hazardous waste/materials, the contractor shall:
- ◆ Immediately stop work in the vicinity of the suspected contaminant, removing workers and the public from the area;
 - ◆ Notify the Project Engineer of the implementing agency;

- ◆ Secure the areas as directed by the Project Engineer; and
- ◆ Notify the implementing agency's Hazardous Waste/Materials Coordinator.

6.2.3 Emit Hazardous Emissions Or Handle Hazardous Or Acutely Hazardous Materials, Substances, Or Waste Within ¼ Mile Of An Existing School Or Proposed School?

Less Than Significant Impact. One (1) pre-school (Head Start) is located at 235 Hammer Drive, approximately 0.18 mile to the south of the project site. Although project development may result in the routine transport of hazardous materials during construction (i.e., ACMs, LBPs, and/or contaminated soils, etc.), measures are required by the City of Watsonville, County of Santa Cruz (Fire Department and Department of Environmental Health), as well as the Monterey Bay Unified Air Quality Management District that would minimize these impacts to less than significant levels. These measures include standards and regulations regarding the handling and transport of these materials. The project proposes to construct residential and park uses. These proposed uses would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste. Although the project site includes a substation, the existing PG&E substation would not be impacted as part of the proposed project. Additionally, the PG&E substation does not emit hazardous or acutely hazardous materials, substances, or waste. Therefore, project operations would not emit or handle hazardous or acutely hazardous materials, substances, or waste, and construction activities would be reduced with implementation of State and local standards and regulations. Therefore, impacts in this regard would be less than significant.

Mitigation Measures: No mitigation measures are required.

6.2.4 Be Located On A Site Which Is Included On A List Of Hazardous Materials Sites Compiled Pursuant To Government Code Section 65962.5 And, As A Result, Would It Create A Significant Hazard To The Public Or The Environment?

No Impact: Available public records (provided by EDR) were reviewed by RBF on April 23, 2008. The lists, which were reviewed, identified no regulatory sites reported within the boundaries of the project site. Based on EDR, no known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the project site. The project site has not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR. Therefore, the project site would not create a significant hazard to the public or the environment as a result of listed on-site regulatory properties. Refer to Impact Statement 6.2.2, above, for a detailed discussion of off-site regulatory properties.

Mitigation Measures: No mitigation measures are required.

Section 7 MITIGATION MEASURES

RBF has performed a Preliminary Hazardous Materials Assessment (Assessment) in conformance with the Scope-of-Services for the Atkinson Lane Specific Plan/Master Plan, located in the City of Watsonville and unincorporated County of Santa Cruz, California; also known as the project site within this Assessment. This Assessment has revealed the following recommended mitigation measures that would reduce project impacts pertaining to hazardous materials.

7.1 FORMAL RECOMMENDATIONS

Based on the records and other data reviewed during the preparation of this Assessment, in accordance with the California Environmental Quality Act (CEQA) and the scope of services, and subject to the limitations thereof, the following mitigation measures are recommended:

- MM-1 The miscellaneous debris (i.e., stockpiled metal piping and 55-gallon drums, etc.) shall be removed prior to construction. Once removed, a visual inspection of the areas beneath the removed materials shall be performed. Any stained soils observed underneath the removed materials shall be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required.

- MM-2 Prior to construction activities, the on-site ASTs should be removed and properly disposed of at an approved landfill facility. Once the ASTs are removed, a visual inspection of the areas beneath and around the removed ASTs should be performed. Any stained soils observed underneath the ASTs should be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required.

- MM-3 Any transformers to be relocated during site construction/demolitions shall be conducted under the purview of the local utility purveyor to identify proper handling procedures regarding potential PCBs.

- MM-4 All water wells shall be properly closed and abandoned pursuant to applicable state and federal guidelines prior to grading activities. Soils located within the vicinity of the water wells shall be inspected for stained soils. Any stained soils observed surrounding the water wells should be sampled. Results of the sampling (if necessary) would indicate the level of remediation efforts that may be required.

- MM-5 Due to visible evidence of surficial staining associated with the on-site agricultural equipment storage area and on-site storage structures that are located on bare soil, soil within these areas shall be sampled and excavated (if necessary) to determine the exact vertical extent of the contamination (if any). If during soil removal, evidence of

petroleum products appears to continue below the ground surface, sampling should be performed characterize the extent of contamination and identify appropriate remedial measures that may be required.

- MM-6 The interior of individual on-site structures within the subject site shall be visually inspected prior to demolition or renovation activities. Should hazardous materials be encountered with any on-site structure, the materials should be tested and properly disposed of in accordance with State and Federal regulatory requirements. Any stained soils or surfaces underneath the removed materials shall be sampled. Results of the sampling would indicate the appropriate level of remediation efforts that may be required.
- MM-7 On-site structures appear to have been constructed prior to 1978. Therefore, due to the age of on-site structures, ACMs may be present. Pursuant to Cal OSHA regulations, an asbestos survey must be conducted by an Asbestos Hazard Emergency Response Act (AHERA) and Cal OSHA certified building inspector to determine the levels of asbestos in structures should renovation or demolition occur.
- MM-8 On-site structures appear to have been constructed prior to 1978. RBF was unable to determine the year that the temporary mobile home structures were constructed. Therefore, due to the unknown date of construction for the temporary mobile home structures, LBPs may be present and must be disposed of to an appropriate permitted disposal facility should renovation or demolition occur.
- MM-9 The specific location of the septic tanks should be determined. Once located, the septic tanks should be removed and properly disposed of at an approved landfill facility. Once the tanks are removed, a visual inspection of the areas beneath and around the removed tanks should be performed. Any stained soils observed underneath the septic tanks should be sampled. Results of the sampling (if necessary) would indicate the level or remediation efforts that may be required.
- MM-10 A qualified hazardous materials consultant with Phase I and/or Phase II experience shall review files for the off-site property 1488 Freedom Boulevard. Should files indicate that the address 1488 Freedom Boulevard may have impacted the project site, Phase II testing shall occur to confirm or deny the presence of contaminated groundwater.
- MM-11 In accordance with the recommended Mitigation Measure 10 (MM-10), should contaminated groundwater be present on-site, contaminated groundwater shall not be used for drinking water purposes. Also, should contaminated groundwater be anticipated to be encountered during construction activities, the implementing

agency's Hazardous Waste/Materials Coordinator shall oversee operations and proper safety/handling procedures involving contaminated groundwater.

MM-12 The subject site has historically been utilized for agricultural purposes for several decades and may contain pesticide residues in the soil. It is RBF's professional opinion that soil sampling should occur throughout the project site (excluding 25 Atkinson Lane) as determined by a qualified Phase II specialist. The sampling would determine if pesticide concentrations exceed established regulatory requirements and would identify proper handling procedures that may be required.

MM-13 If unknown wastes or suspect materials are discovered during construction by the contractor, which he/she believes may involve hazardous waste/materials, the contractor shall:

- ◆ Immediately stop work in the vicinity of the suspected contaminant, removing workers and the public from the area;
- ◆ Notify the Project Engineer of the implementing agency;
- ◆ Secure the areas as directed by the Project Engineer; and
- ◆ Notify the implementing agency's Hazardous Waste/Materials Coordinator.

Section 8 LEVEL OF SIGNIFICANCE AFTER MITIGATION

RBF has performed a Preliminary Hazardous Materials Assessment (Assessment) in conformance with the Scope-of-Services for the Atkinson Lane Specific Plan/Master Plan, located in the City of Watsonville and unincorporated County of Santa Cruz; also known as the project site within this Assessment. It is RBF's opinion that potential significant impacts on the project site resulting from hazards and hazardous materials would be reduced to less than significant with implementation of Mitigation Measures 1 (MM-1) through MM-13.

Section 9 REFERENCES

Date	Approximate Scale	Source
1939	1"=555'	Fairchild
1948	1"=555'	Exxon
1956	1"=555'	Aero
1964	1"=400'	Mark Hurd
1975	1"=333'	Cartwright
1981	1"=690'	WSA
1993	1"=666'	USGS
1998	1"=666'	USGS
2005	1"=484'	EDR

Note: 1939-2005 Historical Aerial Photographs provided by Environmental Data Resources, Inc.

California Department of Oil, Gas, and Geothermal Resources (DOGGR), Wildcat Map #W3-10, Alameda, San Mateo, Santa Clara, and Santa Cruz Counties, dated August 11, 2003

City Directory Abstract, Environmental Data Resources, Inc., searched on April 25, 2008

City of Watsonville, Official Zoning Map, dated January 18, 2007

City of Watsonville, Official Website, <http://www.ci.watsonville.ca.us/>, accessed in June 2008

County of Santa Cruz, Official Website, accessed in June through August 2008

County of Santa Cruz, Official Website, Geographic Information System Map Gallery, accessed June 2008

County of Santa Cruz, Assessor's Office, files obtained on September 10, 2008

Database Search/GeoCheck, Environmental Data Resources, Inc., April 23, 2008

Department of Toxic Substance Control, correspondence requested by fax on May 1, 2008; response received May 12, 2008

EDR Site Report, Environmental Data Resources, Inc., May 1, 2008

EPA Map of Radon Zones, U.S. EPA, 1993

Flood Insurance Rate Map, Federal Emergency Management Agency, Panel 392 of 470, Map Number 06087C0392D, map effective March 2, 2006

GeoTracker, *State Water Resource Control Board*, <http://geotracker.swrcb.ca.gov/>, accessed June 2, 2008

Interview, City of Watsonville Community Development Department, interviewed via telephone on May 1, 2008

Interview, County of Santa Cruz Department of Environmental Health, interviewed via telephone on May 1, 2008

Interview, County of Santa Cruz Department of Environmental Health, Rebecca Supplee, Facility Inspector, interviewed via telephone on May 1, 2008

Interview, Mr. Bruce Lamb, property owner, contacted via telephone on June 4, 2008

Interview, Mr. Israel Zepeda, property owner, contacted via telephone on August 18, 2008

Interview, Mr. Joseph Rodgers, property owner, interviewed via questionnaire dated May 9, 2008; received May 12, 2008

Interview, Mr. Kirk Vojvoda, Fire Prevention Officer, City of Watsonville Fire Department, contacted via telephone on August 20, 2008

Interview, Mr. Owen Lawlor, property owner, interviewed via questionnaire dated May 3, 2008; received May 7, 2008

Interview, Regional Water Quality Control Board, Custodian of Records, interviewed via telephone on May 1, 2008

Phase I Environmental Site Assessment, *56 Atkinson Lane, Watsonville, California*, Environmental Investigation Services, Inc., dated August 3, 2006

Phase II Limited Soil Investigation, *56 Atkinson Lane, Watsonville, California*, Environmental Investigation Services, Inc., dated August 21, 2006

Sanborn Fire Insurance Maps, provided by EDR, via The Sanborn Library, LLC, searched on April 23, 2008

Site Inspection, conducted on May 20, 2008

USGS Historical Topographic Quadrangles, *Capitola, San Juan Bautista, Watsonville West, Watsonville East, and Prunedale, California* Quadrangles, 1917 through 1995

USGS Topographic Quadrangle, *Watsonville West, California* Quadrangle, dated 1995



14725 Alton Parkway • Irvine, California 92618 • 949.472.3505

Appendix A EDR Database Search



**The EDR Radius Map
with GeoCheck®**

**Atkinson Lane Specific Plan/Master Plan
56, 78 and 127 Atkinson Lane
Watsonville, CA 95076**

Inquiry Number: 2201986.2s

April 23, 2008

**The Standard in
Environmental Risk
Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

56, 78 AND 127 ATKINSON LANE
WATSONVILLE, CA 95076

COORDINATES

Latitude (North): 36.932280 - 36° 55' 56.2"
Longitude (West): 121.762040 - 121° 45' 43.3"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 610251.5
UTM Y (Meters): 4087872.8
Elevation: 101 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	36121-H7 WATSONVILLE WEST, CA
Most Recent Revision:	1998
East Map:	36121-H6 WATSONVILLE EAST, CA
Most Recent Revision:	1998

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report

EXECUTIVE SUMMARY

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

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
AST	Aboveground Petroleum Storage Tank Facilities
LIENS	Environmental Liens Listing
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
RESPONSE	State Response Sites
AIRS	Emissions Inventory Data
HAULERS	Registered Waste Tire Haulers Listing

TRIBAL RECORDS

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

EXECUTIVE SUMMARY

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

FEDERAL RECORDS

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/03/2007 has revealed that there is 1 CERC-NFRAP site within approximately 0.625 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
SANTA CRUZ CO AGRI COMM	198 HOLOHAN RD	1/4 - 1/2 NNE	G37	50

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2008 has revealed that there are 2 RCRA-SQG sites within approximately 0.375 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
DAVE AART DATSUN	1488 FREEDOM BLVD	1/8 - 1/4 WSW	C18	25
JIMS BUSINESS MACHINES	1715 FREEDOM BLVD	1/4 - 1/2 WNW	F32	44

EXECUTIVE SUMMARY

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2007 has revealed that there is 1 ERNS site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
1455 FREEDOM BLVD.	1455 FREEDOM BLVD.	0 - 1/8 SW	B6	12

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/04/2008 has revealed that there is 1 FINDS site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NELLA OIL COMPANY	1455 FREEDOM BLVD.	0 - 1/8 SW	B9	15

STATE AND LOCAL RECORDS

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

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 12 Cortese sites within approximately 0.625 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER CHEVRON STATION 9-	1488 FREEDOM	1/8 - 1/4 WSW	C20	27
ULTRAMAR BEACON #400	1597 FREEDOM BLVD	1/8 - 1/4 W	D23	28
TIMES STATION	1640 FREEDOM BLVD	1/4 - 1/2 WNW	D27	35
SHELL STATION	1830 FREEDOM BLVD	1/4 - 1/2 WNW	42	56
FREEDOM BP	1902 FREEDOM BLVD	1/4 - 1/2 WNW	45	64
E'S RANCH MILK	1 GREEN VALLEY RD	1/4 - 1/2 WNW	H46	67

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EMMA'S CAR WASH	1461 FREEDOM BLVD	0 - 1/8 WSW	A1	6
REGAL STATION #432	1455 FREEDOM BLVD	0 - 1/8 SW	B2	8
WELLS FARGO BANK PROPERTY	1477 FREEDOM BLVD	0 - 1/8 WSW	A12	18
HOLOHAN MAINTENANCE YARD	198 HOLOHAN RD	1/4 - 1/2 NNE	G38	52
BRAYCOVICH PROPERTY	118A HOLOHAN RD	1/2 - 1 ENE	49	74
PAJARO VALLEY ELECTRIC IN	1020 FREEDOM	1/2 - 1 S	50	74

EXECUTIVE SUMMARY

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 01/07/2008 has revealed that there are 2 SWRCY sites within approximately 0.625 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EDS ALLOY RECYCLING	1705 FREEDOM BLVD	1/4 - 1/2 WNW	F31	43

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TOMRA PACIFIC INC/LA PRINCESA	1424 FREEDOM BLVD	1/4 - 1/2 SSE	E30	43

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

A review of the LUST list, as provided by EDR, and dated 01/07/2008 has revealed that there are 17 LUST sites within approximately 0.625 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER CHEVRON STATION 9-7517 Facility Status: Post remedial action monitoring	1488 FREEDOM BLVD	1/8 - 1/4 WSW	C17	23

ULTRAMAR BEACON #400 Facility Status: Remedial action (cleanup) Underway	1597 FREEDOM BLVD	1/8 - 1/4 W	D23	28
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TIMES STATION Facility Status: Case Closed	1640 FREEDOM BLVD	1/4 - 1/2 WNW	D27	35
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LONE TREE PROP Facility Status: Case Closed	1719 FREEDOM BLVD	1/4 - 1/2 WNW	F34	46
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SHELL STATION Facility Status: Case Closed	1830 FREEDOM BLVD	1/4 - 1/2 WNW	42	56
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FREEDOM BP Facility Status: Post remedial action monitoring	1902 FREEDOM BLVD	1/4 - 1/2 WNW	45	64
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E'S RANCH MILK	1 GREEN VALLEY RD	1/4 - 1/2 WNW	H46	67
E'S RANCH MILK	1 GREEN VALLEY RD	1/4 - 1/2 WNW	H47	69

WATSONVILLE COMMUNITY HOSPITAL Facility Status: Case Closed	298 GREEN VALLEY RD	1/2 - 1 NW	51	77
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<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EMMA'S CAR WASH Facility Status: Case Closed	1461 FREEDOM BLVD	0 - 1/8 WSW	A1	6

NELLA OIL CO Facility Status: Post remedial action monitoring	1455 FREEDOM BLVD	0 - 1/8 SW	B7	12
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WELLS FARGO BANK PROPERTY Facility Status: Case Closed	1477 FREEDOM BLVD	0 - 1/8 WSW	A12	18
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TOSCO - FACILITY #5535 Facility Status: Remedial action (cleanup) Underway	1428 FREEDOM BLVD	1/4 - 1/2 S	E28	38
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HOLOHAN MAINTENANCE YARD Facility Status: Post remedial action monitoring	198 HOLOHAN RD	1/4 - 1/2 NNE	G38	52
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BRAYCOVICH PROPERTY Facility Status: Remediation Plan	118-A HOLOHAN RD	1/4 - 1/2 ENE	43	59
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EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
J'S GAS & SAVE Facility Status: Remedial action (cleanup) Underway	1114 FREEDOM BLVD	1/4 - 1/2SSW	44	61
PAJARO VALLEY ELECTRIC IN Facility Status: Case Closed	1020 FREEDOM	1/2 - 1 S	50	74

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 4 CA FID UST sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BEACON STATION #400 FREEDOM CAR WASH	1597 FREEDOM BLVD 1719 FREEDOM BLVD	1/8 - 1/4W 1/4 - 1/2WNW	D25 F33	33 45
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NELLA OIL/EXXON STATION UNION OIL SS #5535	1455 FREEDOM 1428 FREEDOM BLVD	0 - 1/8 SW 1/4 - 1/2S	B4 E29	10 40

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

A review of the SLIC list, as provided by EDR, and dated 01/07/2008 has revealed that there is 1 SLIC site within approximately 0.625 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DON HEIM & SON DRY CLEANERS Facility Status: Pollution Characterization	1350 FREEDOM BLVD	1/4 - 1/2SSW	41	56

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle 1 of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/07/2008 has revealed that there are 2 UST sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BEACON STATION #3-400	1597 FREEDOM BLVD	1/8 - 1/4W	D22	28
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ONE STOP EXXON #33	1455 FREEDOM BLVD	0 - 1/8 SW	B8	15

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 14 HIST UST sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JAMS IZUMIZAKI 97517	50 BLANCA LN 1488 FREEDOM BLVD	1/8 - 1/4NW	14	21
FOWLE RESERVOIR	1521 FREEDOM BLVD	1/8 - 1/4W	21	28
BEACON STATION #400	1597 FREEDOM BLVD	1/8 - 1/4W	D24	31
EDWARDS EXXON	1610 FREEDOM BLVD	1/8 - 1/4WNW	D26	34
FREEDOM CAR WASH	1719 FREEDOM BLVD.	1/4 - 1/2WNW	F35	49
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
REGAL STATION #432	1455 FREEDOM BLVD	0 - 1/8 SW	B2	8
R.V. AHLPORT INC, FREEDOM EXXO	1477 FREEDOM BLVD	0 - 1/8 WSW	A13	20
RENT POWER INC.	1484 FREEDOM BLVD	1/8 - 1/4WSW	C15	21
RENT POWER, INC.	1484 FREEDOM BLVD	1/8 - 1/4WSW	C16	22
UNION OIL SS #5535	1428 FREEDOM BLVD	1/4 - 1/2S	E29	40
GRIMMER ORCHARDS	200 HOLOHAN RD	1/4 - 1/2NNE	G36	50
TRANSPORTATION DEPARTMENT	196 HOLOHAN RD	1/4 - 1/2NNE	G39	55
T.J. ARBAMAS	182 HOLOHAN RD	1/4 - 1/2NE	40	55

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BEACON STATION #400 FREEDOM CAR WASH	1597 FREEDOM BLVD 1719 FREEDOM BLVD	1/8 - 1/4W 1/4 - 1/2WNW	D25 F33	33 45
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NELLA OIL/EXXON STATION UNION OIL SS #5535	1455 FREEDOM 1428 FREEDOM BLVD	0 - 1/8 SW 1/4 - 1/2S	B4 E29	10 40

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 CHMIRS site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1457 FREEDOM BLVD	0 - 1/8 SW	B11	16

EXECUTIVE SUMMARY

Notify 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 2 Notify 65 sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SCHIAVON UNOCAL STATION	2001 FREEDOM BLVD	1/2 - 1 NW	I52	80
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PG&E, WATSONVILLE SITE #1	618 MAIN STREET	1 - 2 S	J57	92

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2006 has revealed that there are 4 HAZNET sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EXXON CO USA #70115	1455 FREEDOM BOULEVARD	0 - 1/8 SW	B3	9
NELLA OIL COMPANY	1455 FREEDOM BOULEVARD	0 - 1/8 SW	B5	11
NELLA OIL CO	1455 FREEDOM BLVD	0 - 1/8 SW	B7	12
#33 OLYMPIAN	1455 FREEDOM BLVD	0 - 1/8 SW	B10	16

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 02/26/2008 has revealed that there are 5 ENVIROSTOR sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GREEN VALLEY ROAD ALTERNATIVE	229 GREEN VALLEY ROAD	1/2 - 1 NW	48	71
Facility Status: Active				
DAVES PAINT & BODY SHOP	2025 FREEDOM BOULEVARD	1/2 - 1 NW	I53	82
Facility Status: Refer: RWQCB				
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SCURICH GAS STATION	601 EAST LAKE AVENUE	1/2 - 1 SE	54	83
Facility Status: Refer: RWQCB				

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WATSONVILLE COLD STORAGE	625 MAIN STREET	1 - 2 S	J55	84
Facility Status: Refer: Other Agency				
PG&E WATSONVILLE #1	618 MAIN STREET	1 - 2 S	J56	85
Facility Status: Active				

EDR PROPRIETARY RECORDS

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

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1.125 miles of the target property.

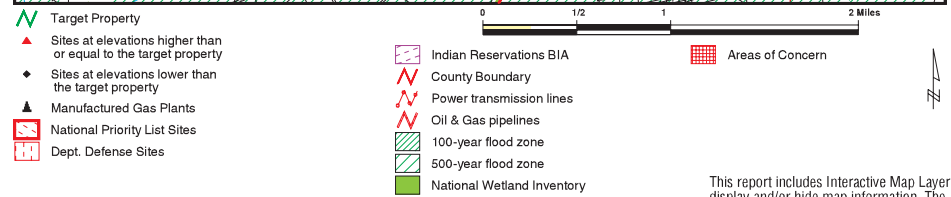
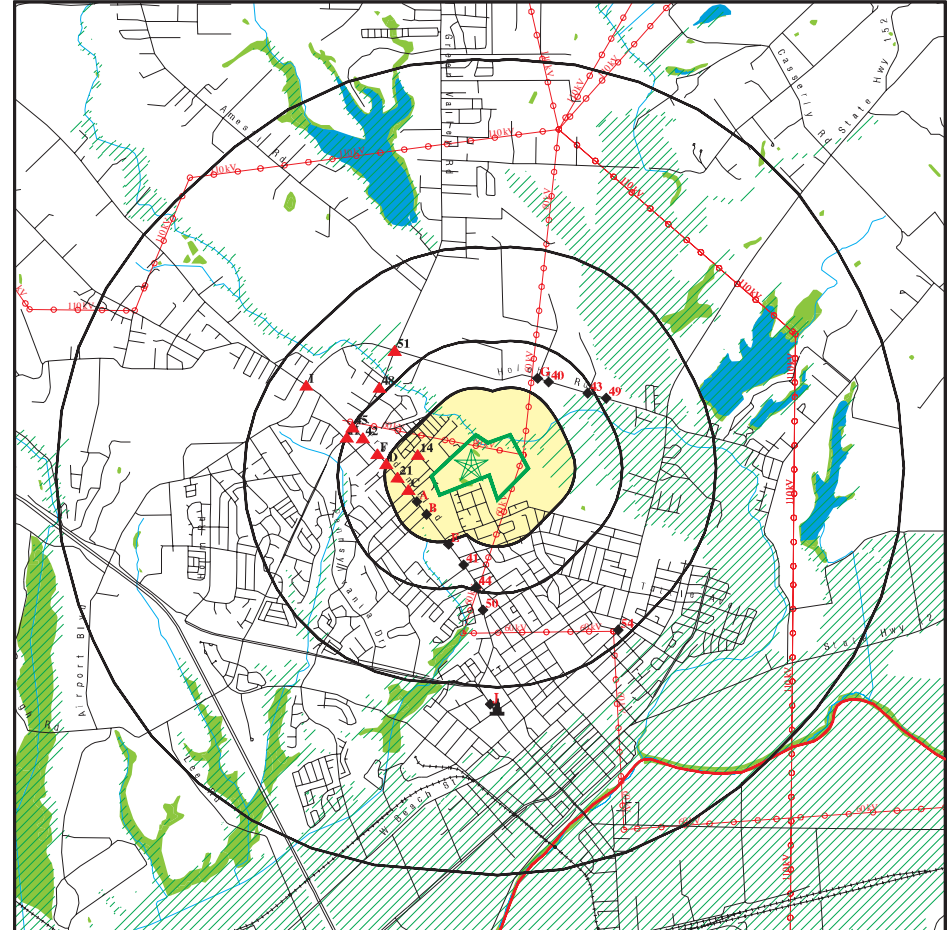
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PG AND E WATSONVILLE	MAIN STREET CORNER OF 5	1 - 2 S	J58	93

EXECUTIVE SUMMARY

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

Site Name	Database(s)
MOSS LANDING	CERC-NFRAP
PG&E GAS PLANT WATSONVILLE 408 8	CERC-NFRAP
PG&E GAS PLANT WATSONVILLE 408 8A	CERC-NFRAP
CAL TRANS	HAZNET
MACEDONIO MADINA	HAZNET
PG AND E FREEDOM SUBSTATION	RCRA-SQG
EB 129 BETWEEN MURPHYS CROSSING AN	ERNS
LABAMBA LANE	ERNS
TRUCK SPILL	SLIC
WESTERN FARM SERVICES - GREEN GRO	SLIC
MOSS LANDING POWER PLANT	ICIS
MOSS LANDING	ENVIROSTOR
BOYER FERTILIZER SERVICE, INC	ENVIROSTOR

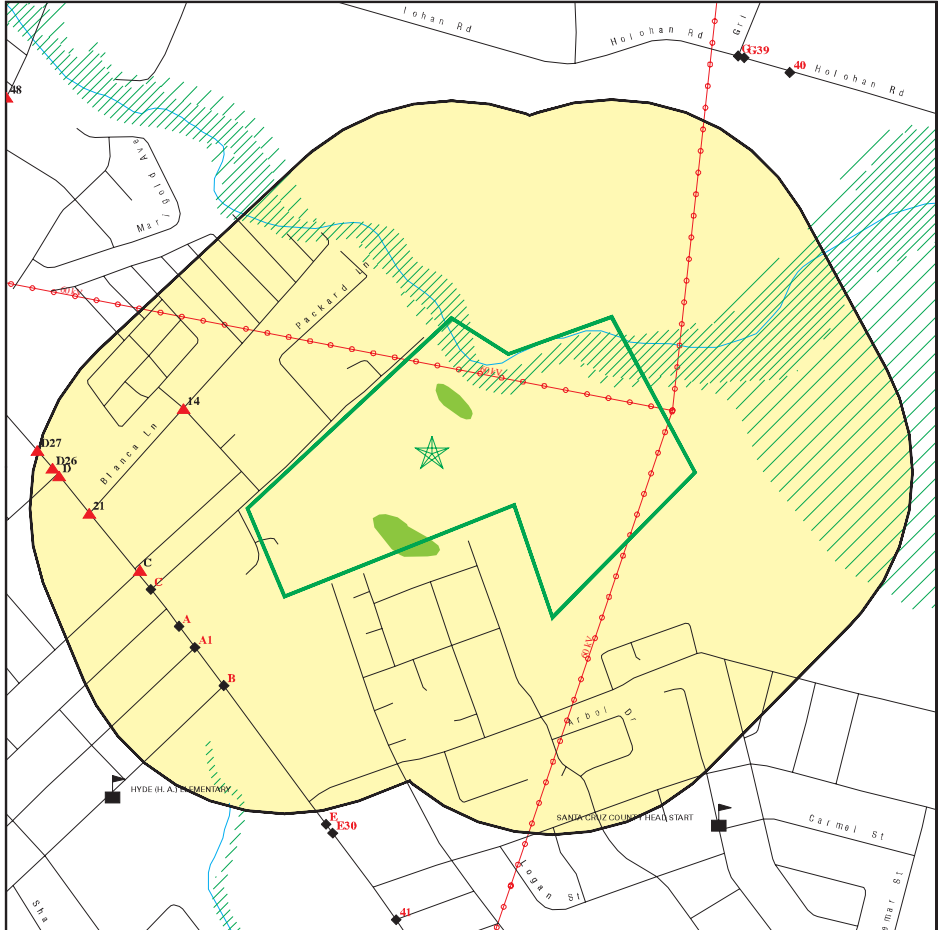
OVERVIEW MAP - 2201986.2s



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

SITE NAME: Atkinson Lane Specific Plan/Master Plan	CLIENT: RBF Consulting
ADDRESS: 56, 78 and 127 Atkinson Lane	CONTACT: Kristen Bogue
Watsonville CA 95076	INQUIRY #: 2201986.2s
LAT/LONG: 36.9323 / 121.7620	DATE: April 23, 2008 8:48 am

DETAIL MAP - 2201986.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

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

SITE NAME: Atkinson Lane Specific Plan/Master Plan ADDRESS: 56, 78 and 127 Atkinson Lane Watsonville CA 95076 LAT/LONG: 36.9323 / 121.7620	CLIENT: RBF Consulting CONTACT: Kristen Bogue INQUIRY #: 2201986.2s DATE: April 23, 2008 8:48 am
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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 RECORDS								
NPL		1.125	0	0	0	0	0	0
Proposed NPL		1.125	0	0	0	0	0	0
Delisted NPL		1.125	0	0	0	0	0	0
NPL LIENS		0.125	0	NR	NR	NR	NR	0
CERCLIS		0.625	0	0	0	0	0	0
CERC-NFRAP		0.625	0	0	1	0	NR	1
LIENS 2		0.125	0	NR	NR	NR	NR	0
CORRACTS		1.125	0	0	0	0	0	0
RCRA-TSDF		0.625	0	0	0	0	NR	0
RCRA-LQG		0.375	0	0	0	NR	NR	0
RCRA-SQG		0.375	0	1	1	NR	NR	2
RCRA-CESQG		0.375	0	0	0	NR	NR	0
RCRA-NonGen		0.125	0	NR	NR	NR	NR	0
US ENG CONTROLS		0.625	0	0	0	0	NR	0
US INST CONTROL		0.625	0	0	0	0	NR	0
ERNS		0.125	1	NR	NR	NR	NR	1
HMIRS		0.125	0	NR	NR	NR	NR	0
DOT OPS		0.125	0	NR	NR	NR	NR	0
US CDL		0.125	0	NR	NR	NR	NR	0
US BROWNFIELDS		0.625	0	0	0	0	NR	0
DOD		1.125	0	0	0	0	0	0
FUDS		1.125	0	0	0	0	0	0
LUCIS		0.625	0	0	0	0	NR	0
CONSENT		1.125	0	0	0	0	0	0
ROD		1.125	0	0	0	0	0	0
UMTRA		0.625	0	0	0	0	NR	0
ODI		0.625	0	0	0	0	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.375	0	0	0	NR	NR	0
TRIS		0.125	0	NR	NR	NR	NR	0
TSCA		0.125	0	NR	NR	NR	NR	0
FTTS		0.125	0	NR	NR	NR	NR	0
HIST FTTS		0.125	0	NR	NR	NR	NR	0
SSTS		0.125	0	NR	NR	NR	NR	0
ICIS		0.125	0	NR	NR	NR	NR	0
PADS		0.125	0	NR	NR	NR	NR	0
MLTS		0.125	0	NR	NR	NR	NR	0
RADINFO		0.125	0	NR	NR	NR	NR	0
FINDS		0.125	1	NR	NR	NR	NR	1
RAATS		0.125	0	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
HIST Cal-Sites		1.125	0	0	0	0	0	0
CA BOND EXP. PLAN		1.125	0	0	0	0	0	0
SCH		0.375	0	0	0	NR	NR	0
Toxic Pits		1.125	0	0	0	0	0	0
SWF/LF		0.625	0	0	0	0	NR	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
CA WDS		0.125	0	NR	NR	NR	NR	0
WMUDS/SWAT		0.625	0	0	0	0	NR	0
Cortese		0.625	3	2	5	2	NR	12
SWRCY		0.625	0	0	2	0	NR	2
LUST		0.625	3	2	10	2	NR	17
CA FID UST		0.375	1	1	2	NR	NR	4
SLIC		0.625	0	0	1	0	NR	1
UST		0.375	1	1	0	NR	NR	2
HIST UST		0.375	2	7	5	NR	NR	14
AST		0.375	0	0	0	NR	NR	0
LIENS		0.125	0	NR	NR	NR	NR	0
SWEEPS UST		0.375	1	1	2	NR	NR	4
CHMIRS		0.125	1	NR	NR	NR	NR	1
Notify 65		1.125	0	0	0	1	1	2
DEED		0.625	0	0	0	0	NR	0
VCP		0.625	0	0	0	0	NR	0
DRYCLEANERS		0.375	0	0	0	NR	NR	0
WIP		0.375	0	0	0	NR	NR	0
CDL		0.125	0	NR	NR	NR	NR	0
RESPONSE		1.125	0	0	0	0	0	0
HAZNET		0.125	4	NR	NR	NR	NR	4
AIRS		0.125	0	NR	NR	NR	NR	0
HAULERS		0.125	0	NR	NR	NR	NR	0
ENVIROSTOR		1.125	0	0	0	3	2	5

TRIBAL RECORDS

INDIAN RESERV		1.125	0	0	0	0	0	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.625	0	0	0	0	NR	0
INDIAN UST		0.375	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

Manufactured Gas Plants		1.125	0	0	0	0	1	1
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NOTES:

- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A1 EMMA'S CAR WASH
WSW 1461 FREEDOM BLVD
< 1/8 WATSONVILLE, CA 95076
0.119 mi.
626 ft. Site 1 of 3 in cluster A

LUST S102429220
Cortese N/A

Relative:
Lower
Actual:
96 ft.

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: MARIPOSA
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Tank
Global Id: T0608700239
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1987-06-03 00:00:00
Remed Plan: Not reported
Remed Action: 1988-01-13 00:00:00
Monitoring: Not reported
Close Date: 1988-05-20 00:00:00
Discover Date: 1987-04-02 00:00:00
Enforcement Dt: Not reported
Release Date: 1987-04-09 00:00:00
Review Date: 1993-03-23 00:00:00
Enter Date: 1987-04-16 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MTK
Staff Initials: UST
Lead Agency: Local Agency
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: 0
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

EMMA'S CAR WASH (Continued)

S102429220

Local Case #: Not reported
Case Number: 609
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: 1 @ 10000 & 1 @ 8000 GAL GAS TANKS & 1 @ 8000 GAL DIESEL TANK WERE REMOVED. 4 MW HAVE BEEN INSTALLED. G/W MONITORING PROGRAM SHOULD HAVE BEEN INITIATED. FAILED TO FILE REPORT OF G/W MONITORING PROG.

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 04/09/1987
Enter Date: 04/16/1987
Case Number: 609
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: MARIPOSA
Local Agency: 44000
Substance: Gasoline
Discovered Date: 4/2/87
How Discovered: Tank Closure
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Tank
Leak Cause: UNK
Lead Agency: Local Agency
Case Type: O
Status: Case Closed
Staff Initials: MTK
Review Date: 03/23/1993
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 06/03/1987
Remedial Plan: Not reported
Remedial Action: 1/13/88
Monitoring: / /
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 5/20/88
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9285077 / -121.7666618

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

EMMA'S CAR WASH (Continued)

S102429220

Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700239
Basin Plan: 5.10
Beneficial: Not reported
Priority: 0
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System: APTOS RIDGE MUTUAL WATER CO
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 4400684-001GEN
Summary: 1 @ 10000 & 1 @ 8000 GAL GAS TANKS & 1 @ 8000 GAL DIESEL TANK WERE REMOVED. 4 MW HAVE BEEN INSTALLED. G/W MONITORING PROGRAM SHOULD HAVE BEEN INITIATED. FAILED TO FILE REPORT OF G/W MONITORING PROG.

Cortese:

Region: CORTESE
Facility Addr2: 1461 FREEDOM BLVD

B2 REGAL STATION #432
SW 1455 FREEDOM BLVD
< 1/8 WATSONVILLE, CA 95076
0.124 mi.
654 ft. Site 1 of 10 in cluster B

Cortese U001602341
HIST UST N/A

Relative:
Lower
Actual:
95 ft.

Cortese:
Region: CORTESE
Facility Addr2: 1455 FREEDOM BLVD
Region: CORTESE
Facility Addr2: 1455 FREEDOM BLVD

HIST UST:

Region: STATE
Facility ID: 00000012421
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: WALT SNELLING
Telephone: 9169211100
Owner Name: WICKLAND OIL CO.
Owner Address: 1765 CHALLENGE WAY
Owner City,St,Zip: SACRAMENTO, CA 95815

Tank Num: 001
Container Num: 432-U1
Year Installed: 1983
Tank Capacity: 00010000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

REGAL STATION #432 (Continued)

U001602341

Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 3/16 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 002
Container Num: 432-R1
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 3/16 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 003
Container Num: 432-P1
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 3/16 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 004
Container Num: 432-W1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

B3
SW
< 1/8
0.124 mi.
654 ft.

EXXON CO USA #70115
1455 FREEDOM BOULEVARD
WATSONVILLE, CA 95076

HAZNET S103963796
N/A

Site 2 of 10 in cluster B

Relative: HAZNET:
Lower Gepaid: CAL000028732
Contact: EXXON CO USA
Telephone: 7136567761
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2180
Mailing City,St,Zip: HOUSTON, TX 772522180
Gen County: Santa Cruz
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: 1.6680
Facility County: Santa Cruz

Gepaid: CAL000028732
Contact: EXXON CO USA
Telephone: 7136567761
Facility Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

EXXON CO USA #70115 (Continued)

S103963796

Mailing Name: Not reported
Mailing Address: PO BOX 2180
Mailing City,St,Zip: HOUSTON, TX 772522180
Gen County: Santa Cruz
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 0.3336
Facility County: Santa Cruz

B4
SW
< 1/8
0.124 mi.
654 ft.

NELLA OIL/EXXON STATION
1455 FREEDOM
WATSONVILLE, CA 95076

CA FID UST S101594687
SWEEPS UST N/A

Site 3 of 10 in cluster B

Relative: CA FID UST:
Lower Facility ID: 44000027
Regulated By: UTKNA
Regulated ID: 00012421
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9169211100
Mail To: Not reported
Mailing Address: PO BOX 53
Mailing Address 2: Not reported
Mailing City,St,Zip: WATSONVILLE 95076
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 12421
Number: 1
Board Of Equalization: 44-027205
Ref Date: 06-03-94
Act Date: 06-03-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 432-U1
Swrcb Tank Id: 44-052-012421-000001
Actv Date: 04-27-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 12421
Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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

NELLA OIL/EXXON STATION (Continued)

S101594687

Board Of Equalization: 44-027205
Ref Date: 06-03-94
Act Date: 06-03-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 432-R1
Swrcb Tank Id: 44-052-012421-000002
Actv Date: 04-27-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 12421
Number: 1

Board Of Equalization: 44-027205
Ref Date: 06-03-94
Act Date: 06-03-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 432-P1
Swrcb Tank Id: 44-052-012421-000003
Actv Date: 04-27-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

B5
SW
< 1/8
0.124 mi.
654 ft.

NELLA OIL COMPANY
1455 FREEDOM BOULEVARD
WATSONVILLE, CA 95076

Site 4 of 10 in cluster B

HAZNET **S104565437**
N/A

Relative: HAZNET:
Lower Gepaid: CAC001088248
Contact: TOM DWELLE/PARTNER
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2349 RICENBACKER WAY
Mailing City,St,Zip: AUBURN, CA 956020000
Gen County: Santa Cruz
TSD EPA ID: CAT080022148
TSD County: San Bernardino
Waste Category: Oil/water separation sludge
Disposal Method: Not reported
Tons: 0.2293
Facility County: Santa Cruz

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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

B6
SW
< 1/8
0.124 mi.
654 ft.

1455 FREEDOM BLVD.
1455 FREEDOM BLVD.
WATSONVILLE, CA 95076

Site 5 of 10 in cluster B

ERNS **91217040**
N/A

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

Actual:
95 ft.
B7
SW
< 1/8
0.124 mi.
654 ft.

NELLA OIL CO
1455 FREEDOM BLVD
WATSONVILLE, CA 95076

Site 6 of 10 in cluster B

HAZNET **S105224844**
LUST **N/A**

Relative: HAZNET:
Lower Gepaid: CAL000250215
Contact: BARBARA WOZNIAK
Telephone: 5308850401
Facility Addr2: Not reported
Mailing Name: NELLA OIL #33
Mailing Address: 2349 RICKENBACKER WY
Mailing City,St,Zip: auburn, CA 95602
Gen County: Santa Cruz
TSD EPA ID: CAD009466392
TSD County: Santa Cruz
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: 6.5
Facility County: Santa Cruz

Gepaid: CAL000250215
Contact: BARBARA WOZNIAK
Telephone: 5308850401
Facility Addr2: Not reported
Mailing Name: NELLA OIL #33
Mailing Address: 2349 RICKENBACKER WY
Mailing City,St,Zip: auburn, CA 95602
Gen County: Santa Cruz
TSD EPA ID: CAT080013352
TSD County: Santa Cruz
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 2.71
Facility County: Santa Cruz

Gepaid: CAL000250215
Contact: BARBARA WOZNIAK
Telephone: 5308850401
Facility Addr2: Not reported
Mailing Name: NELLA OIL #33
Mailing Address: 2349 RICKENBACKER WY
Mailing City,St,Zip: auburn, CA 95602
Gen County: Santa Cruz
TSD EPA ID: CAD009466392
TSD County: Santa Cruz
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Not reported
Tons: 2.5
Facility County: Santa Cruz

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELLA OIL CO (Continued)

S105224844

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: ALTA VISTA
Enf Type: Not reported
Funding: NA
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Tank
Global Id: T0608700217
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1993-11-02 00:00:00
Remed Plan: Not reported
Remed Action: 1996-03-05 00:00:00
Monitoring: 2005-10-20 00:00:00
Close Date: Not reported
Discover Date: 1983-11-20 00:00:00
Enforcement Dt: 1985-10-01 00:00:00
Release Date: 1983-11-23 00:00:00
Review Date: 2002-10-23 00:00:00
Enter Date: 1987-07-06 00:00:00
MTBE Date: 2002-04-09 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 944
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Post remedial action monitoring
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: JENNIFER C. SEDLACHEK
RP Address: 4096 PIEDMONT AVENUE #194
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: A
MTBE Conc: 40
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 486
Qty Leaked: Not reported
Abate Method: Enhanced Biodegradation - use of any available technology to promote

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELLA OIL CO (Continued)

S105224844

bacterial decomposition of contaminants, Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants

Operator: Not reported
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: THE ADDITIONAL GW EXTRACTION WELLS (RW-7 & RW-8) ADDED TO THE SYSTEM 6/2001.

EXXON MOBIL REQUESTS NELLA OIL COMPANY (SITE OWNER) BE NAMED AS ADDITIONAL RP. EIGHT EXTRACTION WELLS PUMPING SHALLOW IMPACTED GROUNDWATER; TREATED WATER DISCHARGED TO SANITARY SEWER. (RW-1, RW-2, RW-3, RW-5, RW-6, RW-7, RW-8 NOT SAMPLED - EXTRACTION WELLS). 2 PRIVATE WELLS(1 @ 305' SE OF SITE, 1 @ 815' SE SITE)

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 11/23/1983
Enter Date: 07/06/1987
Case Number: 486
Responsible Party: ABBAS NAZEMI
RP Address: 1415 OCEAN STREET
Contact: Not reported
Cross Street: ALTA VISTA
Local Agency: 44000
Substance: Gasoline
Discovered Date: 11/20/83
How Discovered: OM
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Tank
Leak Cause: UNK
Lead Agency: Regional Board
Case Type: O
Status: Pollution Characterization
Staff Initials: MTK
Review Date: 10/23/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 11/02/1993
Remedial Plan: Not reported
Remedial Action: 6/25/87
Monitoring: / /
Enforcement Type: LET
Enforce Date: 10/1/85
Close Date: Not reported
Pilot Program: UST
Interim Action: Not reported
Funding: Not reported
MTBE Class: A
Max MTBE Grnd Wtr: 1640
Max MTBE Soil: Not reported
Max MTBE Data: 01/08/2002
MTBE Tested: YES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

NELLA OIL CO (Continued)

S105224844

Lat/Long: 36.9283357 / -121.7664998
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 18
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700217
Basin Plan: 5.10
Beneficial: Not reported
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants, E
Operator: Not reported
Water System: APTOS RIDGE MUTUAL WATER CO
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 4400684-001GEN
Summary: THE ADDITIONAL GW EXTRACTION WELLS (RW-7 & RW-8) ADDED TO THE SYSTEM 6/2001. EXXON MOBIL REQUESTS NELLA OIL COMPANY (SITE OWNER) BE NAMED AS ADDITIONAL RP. EIGHT EXTRACTION WELLS PUMPING SHALLOW IMPACTED GROUNDWATER; TREATED WATER DISCHARGED TO SANITARY

B8
SW
< 1/8
0.124 mi.
654 ft.

ONE STOP EXXON #33
1455 FREEDOM BLVD
WATSONVILLE, CA 95076

UST U003940932
N/A

Site 7 of 10 in cluster B

Relative: UST:
Lower Local Agency: 44000
Facility ID: FA0000579

Actual:
95 ft.

B9
SW
< 1/8
0.124 mi.
654 ft.

NELLA OIL COMPANY
1455 FREEDOM BLVD.
WATSONVILLE, CA 95076
Site 8 of 10 in cluster B

FINDS 1006830380
110013908058

Relative: FINDS:
Lower Other Pertinent Environmental Activity Identified at Site

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

B10 #33 OLYMPIAN
SW 1455 FREEDOM BLVD
< 1/8 WATSONVILLE, CA 95076
0.124 mi.
654 ft. Site 9 of 10 in cluster B

HAZNET S108195997
N/A

Relative: HAZNET:
Lower Gepaid: CAL000250215
Contact: BARBARA WOZNIAK
Actual: Telephone: 5308850401
95 ft. Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2360 LINDBERGH ST
Mailing City,St,Zip: auburn, CA 95602
Gen County: Santa Cruz
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 0.79
Facility County: Not reported

Gepaid: CAL000250215
Contact: BARBARA WOZNIAK
Telephone: 5308850401
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2360 LINDBERGH ST
Mailing City,St,Zip: auburn, CA 95602
Gen County: Santa Cruz
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 0.79
Facility County: Not reported

B11
SW
< 1/8
0.124 mi.
654 ft.

1457 FREEDOM BLVD
WATSONVILLE, CA
Site 10 of 10 in cluster B

CHMIRS S105632892
N/A

Relative: CHMIRS:
Lower OES Incident Number: 5275
OES notification: Not reported
Actual: OES Date: 11/18/1994
95 ft. OES Time: 08:45:39 PM
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105632892

Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: YES
Waterway: Not reported
Spill Site: Not reported
Cleanup By: local fd
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1994
Agency: watsonville fd
Incident Date: 11/18/94 1823
Admin Agency: Not reported
Amount: 5 qts approximately
Contained: NO
Site Type: RD
E Date: Not reported
Substance: crankcase oil
Quantity Released: Not reported
BBLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: moving vehicle apparently lost pan plug - oil strewn along roadway -
retrieved by local fd with absorball
Evacuations: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105632892

Number of Injuries: NO
Number of Fatalities: NO
Description: Not reported

A12
WSW
< 1/8
0.125 mi.
660 ft.

WELLS FARGO BANK PROPERTY
1477 FREEDOM BLVD
WATSONVILLE, CA 95076

LUST S102441137
Cortese N/A

Site 2 of 3 in cluster A

Relative:
Lower

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: CLIFFORD AVE
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Overfill
Leak Source: Piping
Global Id: T0608700301
Stop Date: Not reported
Confirm Leak: 1991-07-09 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1992-01-09 00:00:00
Close Date: 1992-06-17 00:00:00
Discover Date: 1990-11-30 00:00:00
Enforcement Dt: Not reported
Release Date: 1990-12-06 00:00:00
Review Date: 1992-06-19 00:00:00
Enter Date: 1991-01-14 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: JERRY ANDERSON
RP Address: P.O. BOX 22740
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MTK
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

WELLS FARGO BANK PROPERTY (Continued)

S102441137

Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: 3
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 916
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: Not reported
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: CASE CLOSED.

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 12/06/1990
Enter Date: 01/14/1991
Case Number: 916
Responsible Party: JERRY ANDERSON
RP Address: P.O. BOX 22740
Contact: Not reported
Cross Street: CLIFFORD AVE
Local Agency: 44000
Substance: Gasoline
Discovered Date: 11/30/90
How Discovered: Tank Closure
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Piping
Leak Cause: Overfill
Lead Agency: Regional Board
Case Type: O
Status: Case Closed
Staff Initials: MTK
Review Date: 06/19/1992
Confirm Leak: 7/9/91
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: 01/09/1992
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 6/17/92
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

WELLS FARGO BANK PROPERTY (Continued)

S102441137

MTBE Tested: NT
Lat/Long: 36.9289107 / -121.7670348
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700301
Basin Plan: 5.10
Beneficial: Not reported
Priority: 3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: No Action Required - incident is minor, requiring no remedial action
Operator: Not reported
Water System: APTOS RIDGE MUTUAL WATER CO
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 4400684-001GEN
Summary: CASE CLOSED.

Cortese:

Region: CORTESE
Facility Addr2: 1477 FREEDOM BLVD

A13
WSW
< 1/8
0.125 mi.
660 ft.

R.V. AHLPORT INC, FREEDOM EXXO
1477 FREEDOM BLVD
WATSONVILLE, CA 95076

HIST UST U001602332
N/A

Site 3 of 3 in cluster A

Relative:
Lower
Actual:
99 ft.

HIST UST:
Region: STATE
Facility ID: 00000002339
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: DENNIS ROBINSON
Telephone: 4087247565
Owner Name: R.V. AHLPORT, INC.
Owner Address: 950 W. BEACH, P.O.BOX 788
Owner City,St,Zip: WATSONVILLE, CA 95077

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R.V. AHLPORT INC, FREEDOM EXXO (Continued)

U001602332

Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

14
NW
1/8-1/4
0.134 mi.
707 ft.

JAMS IZUMIZAKI
50 BLANCA LN
WATSONVILLE, CA 95026

HIST UST U001601356
N/A

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000053276
Facility Type: Other
Other Type: RESIDENCE
Total Tanks: 0001
Contact Name: Not reported
Telephone: 4087220589
Owner Name: JAMES IZUMIZAKI
Owner Address: 50 BLANCA LANE
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: None

C15
WSW
1/8-1/4
0.139 mi.
732 ft.

RENT POWER INC.
1484 FREEDOM BLVD
WATSONVILLE, CA 95076

HIST UST U001602343
N/A

Site 1 of 6 in cluster C

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000068497
Facility Type: Other
Other Type: RENTAL YARD
Total Tanks: 0002
Contact Name: JOHN MOWERY

Actual:
100 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RENT POWER INC. (Continued)

U001602343

Telephone: 4087282008
Owner Name: RENT POWER INC.
Owner Address: 1484 FREEDOM BLVD
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: #2
Year Installed: 1978
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: 2
Tank Construction: Unkown inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: #1
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

C16
WSW
1/8-1/4
0.139 mi.
732 ft.

RENT POWER, INC.
1484 FREEDOM BLVD
WATSONVILLE, CA 95076

HIST UST U001602344
N/A

Site 2 of 6 in cluster C

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000004298
Facility Type: Other
Other Type: RENTAL EQUIPMENT YAR
Total Tanks: 0002
Contact Name: JOHN MOWERY, PRESIDENT
Telephone: 4087221941
Owner Name: RENT POWER, INC.
Owner Address: 1484 FREEDOM BOULEVARD
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None

Actual:
100 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C17 FORMER CHEVRON STATION 9-7517
WSW 1488 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
0.141 mi.
747 ft.

Site 3 of 6 in cluster C

LUST S103291495
N/A

Relative:
Higher

LUST:

Actual:
101 ft.

Region: STATE
Case Type: Other ground water affected
Cross Street: GARDNER
Ent Type: Not reported
Funding: TC
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0608700043
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 2004-04-02 00:00:00
Pollution Char: 1993-03-16 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 2004-12-24 00:00:00
Close Date: Not reported
Discover Date: 1992-07-16 00:00:00
Enforcement Dt: Not reported
Release Date: 1992-10-20 00:00:00
Review Date: 2003-12-02 00:00:00
Enter Date: 1992-08-31 00:00:00
MTBE Date: 2005-01-27 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 52
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Post remedial action monitoring
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: MARK LAFFERTY
RP Address: PO BOX 6012
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: B
MTBE Conc: 32
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CHEVRON STATION 9-7517 (Continued)

S103291495

Local Case #: Not reported
Case Number: 2228
Qty Leaked: Not reported
Abate Method: U
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: TANKS PULLED 1984. MW WP SUBMITTED NO MTBE- PRODUCT CONTINUE TO BE REMOVED FROM MW-4, MW-2 & MW-3 SAMPLED ANNUALLY. NEW WELLS MW-7, MW-8 INSTALLED 3/14/2004. (MW 1, MW 2, MW 3, MW 6, destroyed) 2/25/2004 MAY BE LOW RISK...

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 10/20/1992
Enter Date: 08/31/1992
Case Number: 2228
Responsible Party: MARK LAFFERTY
RP Address: PO BOX 5004
Contact: Not reported
Cross Street: GARDNER
Local Agency: 44000
Substance: Gasoline
Discovered Date: 7/16/92
How Discovered: Subsurface Monitoring
Stop Date: Not reported
How Stopped: Not reported
Leak Source: UNK
Leak Cause: UNK
Lead Agency: Regional Board
Case Type: O
Status: Post remedial action monitoring
Staff Initials: MTK
Review Date: 09/17/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 03/16/1993
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: 03/22/1995
Enforcement Type: LET
Enforce Date: Not reported
Close Date: Not reported
Pilot Program: UST
Interim Action: Not reported
Funding: Not reported
MTBE Class: D
Max MTBE Grnd Wtr: 2.5
Max MTBE Soil: Not reported
Max MTBE Data: 10/24/2002
MTBE Tested: YES
Lat/Long: 36.9302036 / -121.7679119
Soil Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

FORMER CHEVRON STATION 9-7517 (Continued)

S103291495

Grnd Wtr Qualifier: <
Mtbe Concentratn: 12
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700043
Basin Plan: 5.10
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: U
Operator: Not reported
Water System: APTOS RIDGE MUTUAL WATER CO
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 4400684-001GEN
Summary: TANKS PULLED 1984. MW WP SUBMITTED NO MTBE- PRODUCT CONTINUE TO BE REMOVED FROM MW-4, MW-2 & MW-3 SAMPLED ANNUALLY.

C18 DAVE AART DATSUN
WSW 1488 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
0.141 mi.
747 ft.

RCRA-SQG 1000195167
FINDS CAD981446412

Site 4 of 6 in cluster C

Relative: RCRA-SQG:
Higher Date form received by agency: 09/01/1996
Facility name: DAVE AART DATSUN
Facility address: 1488 FREEDOM BLVD
WATSONVILLE, CA 95076
EPA ID: CAD981446412
Mailing address: FREEDOM BLVD
WATSONVILLE, CA 95076
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DAVE HART
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

DAVE AART DATSUN (Continued)

1000195167

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

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

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

C19 97517
WSW 1488 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
0.141 mi.
747 ft.

HIST UST U001602442
N/A

Site 5 of 6 in cluster C

Relative: HIST UST:
Higher Region: STATE
Facility ID: 0000063001
Actual: Facility Type: Gas Station
101 ft. Other Type: Not reported
Total Tanks: 0004
Contact Name: SKODA, CHARLES J JR.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

97517 (Continued) U001602442

Telephone: 4087241709
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Tank Num: 001
Container Num: 1
Year Installed: 1965
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1965
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000170 unknown
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1965
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1965
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 0000100 unknown
Leak Detection: Stock Inventor

C20 FORMER CHEVRON STATION 9-
WSW 1488 FREEDOM
1/8-1/4 WATSONVILLE, CA 95076
0.141 mi.
747 ft. Site 6 of 6 in cluster C

Cortese S102858417
N/A

Relative: Cortese:
Higher Region: CORTESE
Facility Addr2: Not reported
Actual:
101 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

21 FOWLE RESERVOIR HIST UST U001602210
West 1521 FREEDOM BLVD N/A
1/8-1/4 WATSONVILLE, CA 95076
0.182 mi.
959 ft.

Relative: HIST UST:
Higher Region: STATE
Facility ID: 00000058326
Actual: Facility Type: Other
106 ft. Other Type: STANDBY POWER
Total Tanks: 0000
Contact Name: MICK O'RILEY
Telephone: 4087286000
Owner Name: CITY OF WATSONVILLE
Owner Address: 250 MAIN ST.
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000350
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: None

D22 BEACON STATION #3-400 UST U003938377
West 1597 FREEDOM BLVD N/A
1/8-1/4 WATSONVILLE, CA 95076
0.220 mi.
1160 ft. Site 1 of 6 in cluster D

Relative: UST:
Higher Local Agency: 44000
Facility ID: FA0003208
Actual:
109 ft.

D23 ULTRAMAR BEACON #400 LUST S101309589
West 1597 FREEDOM BLVD Cortese N/A
1/8-1/4 WATSONVILLE, CA
0.220 mi.
1160 ft. Site 2 of 6 in cluster D

Relative: LUST:
Higher Region: STATE
Case Type: Other ground water affected
Actual: Cross Street: Not reported
109 ft. Enf Type: R
Funding: VC
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Tank
Global Id: T0608700307
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ULTRAMAR BEACON #400 (Continued)

S101309589

Pollution Char: 2000-11-08 00:00:00
Remed Plan: 2006-04-11 00:00:00
Remed Action: 2006-05-03 00:00:00
Monitoring: 2005-10-06 00:00:00
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: 1990-09-11 00:00:00
Release Date: 1990-01-01 00:00:00
Review Date: 2002-10-23 00:00:00
Enter Date: 1990-12-01 00:00:00
MTBE Date: 2003-05-07 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 810
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Remedial action (cleanup) Underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: THOMAS S. SEXTON
RP Address: 685 WEST THIRD STREET
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: A
MTBE Conc: 37
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 990
Qty Leaked: Not reported
Abate Method: Remove Free Product - remove floating product from water table
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: GROUNDWATER GRADIENT HIGHLY VARIABLE ON/OFF SITE. POSSIBLE OFFSITE SOURCES, POSSIBLE COMMINGLED PLUME. CITY MUNICIPAL H2O SUPPLY WELLS 185 @1521 FREEDOM BLVD WITHIN 150 FT OF THE SITE. TPH, BTEX & MTBE PLUMES NEAR CITY WELLS. CITY WELLS TESTED QUARTERLY. CITY WELL NO.5 OUT OF SERVICE. The GWET and SVE systems were removed from the site in March 2006. The In-situ Oxygen Curtain (ISOC) system was installed in wells RW-1, RW-2, MW-2, and MW-5 in May 2006.

LUST:
Region: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ULTRAMAR BEACON #400 (Continued)

S101309589

Regional Board: Central Coast Region
Release Date: 01/01/1990
Enter Date: 12/01/1990
Case Number: 990
Responsible Party: ROBERT FISHBURN
RP Address: 685 WEST THIRD STREET
Contact: Not reported
Cross Street: Not reported
Local Agency: 44000
Substance: Gasoline
Discovered Date: Not reported
How Discovered: OM
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Tank
Leak Cause: UNK
Lead Agency: Regional Board
Case Type: O
Status: Remedial action (cleanup) Underway
Staff Initials: MTK
Review Date: 10/23/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 11/08/2000
Remedial Plan: 8/22/01
Remedial Action: 2/18/03
Monitoring: / /
Enforcement Type: LET
Enforce Date: 9/1/90
Close Date: Not reported
Pilot Program: UST
Interim Action: Not reported
Funding: R
MTBE Class: A
Max MTBE Grnd Wtr: 7000
Max MTBE Soil: Not reported
Max MTBE Data: 05/14/2001
MTBE Tested: YES
Lat/Long: 36.9318836 / -121.769577
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mbe Concentratn: 19
Mbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700307
Basin Plan: 5.10
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Remove Free Product - remove floating product from water table
Operator: Not reported
Water System: CITY OF WATSONVILLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

ULTRAMAR BEACON #400 (Continued)

S101309589

Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: GROUNDWATER GRADIENT HIGHLY VARIABLE ON/OFF SITE. POSSIBLE OFFSITE SOURCES, POSSIBLE COMMINGLED PLUME. CITY MUNICIPAL H2O SUPPLY WELLS 1&5 @ 1521 FREEDOM BLVD WITHIN 150 FT OF THE SITE. TPH, BTEX & MTBE PLUMES NEAR CITY WELLS. CITY WELLS TESTED QUARTER

Cortese:
Region: CORTESE
Facility Addr2: 1597 FREEDOM BLVD

D24 BEACON STATION #400
West 1597 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
0.220 mi.
1160 ft.

HAZNET U001602162
HIST UST N/A

Site 3 of 6 in cluster D

Relative: HAZNET:
Higher Gepaid: CAL000239798
Contact: GLENN DEMBROFF
Telephone: 5595833206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
Mailing City,St,Zip: HANFORD, CA 932300000
Gen County: Santa Cruz
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.16
Facility County: Not reported

Gepaid: CAL000239798
Contact: JULIE JOHNS
Telephone: 5595833251
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
Mailing City,St,Zip: HANFORD, CA 932300000
Gen County: Santa Cruz
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 0.2
Facility County: Santa Cruz

Gepaid: CAL000239798
Contact: GLENN DEMBROFF
Telephone: 5595833206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
Mailing City,St,Zip: HANFORD, CA 932300000
Gen County: Santa Cruz

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BEACON STATION #400 (Continued)

U001602162

TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.07
Facility County: Not reported

Gepaid: CAL000239798
Contact: GLENN DEMBROFF
Telephone: 5595833206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
Mailing City,St,Zip: HANFORD, CA 932300000
Gen County: Santa Cruz
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 1.65
Facility County: Not reported

Gepaid: CAL000239798
Contact: GLENN DEMBROFF
Telephone: 5595833206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
Mailing City,St,Zip: HANFORD, CA 932300000
Gen County: Santa Cruz
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.10
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 2 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST UST:
Region: STATE
Facility ID: 00000038908
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: JOHN TEMPLETON
Telephone: 2095820241
Owner Name: BEACON OIL COMPANY
Owner Address: 525 W. THIRD STREET
Owner City,St,Zip: HANFORD, CA 93230

Tank Num: 001
Container Num: 400-2
Year Installed: 1959
Tank Capacity: 00010000
Tank Used for: PRODUCT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

BEACON STATION #400 (Continued)

U001602162

Type of Fuel: REGULAR
Tank Construction: .025 inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 400-3
Year Installed: 1959
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: .025 inches
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 400-4
Year Installed: 1959
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: .025 inches
Leak Detection: Stock Inventor

D25
West
1/8-1/4
0.220 mi.
1160 ft.

BEACON STATION #400
1597 FREEDOM BLVD
WATSONVILLE, CA 95076

CA FID UST S101625389
SWEEPS UST N/A

Site 4 of 6 in cluster D

Relative:
Higher

CA FID UST:
Facility ID: 44000086
Regulated By: UTNKA
Regulated ID: 00038908
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087220248
Mail To: Not reported
Mailing Address: 525 W THIRD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: WATSONVILLE 95076
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
109 ft.

SWEEPS UST:

Status: A
Comp Number: 38908
Number: 9
Board Of Equalization: 44-000030
Ref Date: 12-30-91
Act Date: 12-30-91
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

BEACON STATION #400 (Continued)

S101625389

Swrcb Tank Id: 44-052-038908-000004
Actv Date: 12-30-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 38908
Number: 9
Board Of Equalization: 44-000030
Ref Date: 12-30-91
Act Date: 12-30-91
Created Date: 02-29-88
Tank Status: A

Owner Tank Id: 002
Swrcb Tank Id: 44-052-038908-000005
Actv Date: 12-30-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 38908
Number: 9
Board Of Equalization: 44-000030
Ref Date: 12-30-91
Act Date: 12-30-91
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 003
Swrcb Tank Id: 44-052-038908-000006
Actv Date: 12-30-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

D26
WNW
1/8-1/4
0.229 mi.
1208 ft.

EDWARDS EXXON
1610 FREEDOM BLVD
WATSONVILLE, CA 95010

HIST UST U001600926
N/A

Site 5 of 6 in cluster D

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000030449
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: Not reported
Telephone: 4087244363
Owner Name: STURDY OIL CO. S.S.D.
Owner Address: 1511 ABBOTT STREET STURDY OIL

Actual:
110 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDWARDS EXXON (Continued)

U001600926

Owner City,St,Zip: SALINAS, CA 93901

Tank Num: 001
Container Num: 1
Year Installed: 1969
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 2
Year Installed: 1969
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 3
Year Installed: 1975
Tank Capacity: 00002200
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

D27
WNW
1/4-1/2
0.251 mi.
1323 ft.

TIMES STATION
1640 FREEDOM BLVD
WATSONVILLE, CA 95076
Site 6 of 6 in cluster D

LUST S102439124
Cortese N/A

Relative:
Higher

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: DAVIS
Enf Type: Not reported
Funding: Not reported
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0608700189
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1988-08-25 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1991-02-15 00:00:00
Discover Date: 1988-08-01 00:00:00
Enforcement Dt: Not reported
Release Date: 1988-10-19 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIMES STATION (Continued)

S102439124

Review Date: 1988-08-25 00:00:00
Enter Date: 1988-08-28 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MTK
Staff Initials: UST
Lead Agency: Local Agency
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: 0
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 347
Qty Leaked: Not reported
Abate Method: U
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: CASE CLOSED

LUST:
Region: 3
Regional Board: Central Coast Region
Release Date: 10/19/1988
Enter Date: 08/28/1988
Case Number: 347
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: DAVIS
Local Agency: 44000
Substance: Gasoline
Discovered Date: 8/1/88
How Discovered: OM
Stop Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIMES STATION (Continued)

S102439124

How Stopped: Not reported
Leak Source: UNK
Leak Cause: UNK
Lead Agency: Local Agency
Case Type: O
Status: Case Closed
Staff Initials: MTK
Review Date: 08/25/1988
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 08/25/1988
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 2/15/91
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9318796 / -121.769752
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtb Concentratn: 0
Mtb Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700189
Basin Plan: 5.10
Beneficial: Not reported
Priority: 0
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: U
Operator: Not reported
Water System: CITY OF WATSONVILLE
Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: CASE CLOSED

Cortese:

Region: CORTESE
Facility Addr2: 1640 FREEDOM BLVD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E28
South
1/4-1/2
0.266 mi.
1405 ft.

TOSCO - FACILITY #5535
1428 FREEDOM BLVD
WATSONVILLE, CA 95076
Site 1 of 3 in cluster E

LUST **S105224813**
N/A

Relative:
Lower
Actual:
88 ft.

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: CRESTVIEW DR
Enf Type: Not reported
Funding: NA
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Corrosion
Leak Source: Tank
Global Id: T0608700159
Stop Date: 1998-03-12 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1999-09-29 00:00:00
Remed Plan: 2003-06-20 00:00:00
Remed Action: 2005-09-30 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1998-03-12 00:00:00
Enforcement Dt: Not reported
Release Date: 1998-03-23 00:00:00
Review Date: 2002-10-21 00:00:00
Enter Date: 1999-02-26 00:00:00
MTBE Date: 2004-01-05 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 91000
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Remedial action (cleanup) Underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: ERIC G. HETRICK
RP Address: 76 BROADWAY
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: A
MTBE Conc: 32
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

TOSCO - FACILITY #5535 (Continued)

S105224813

Local Case #: Not reported
Case Number: 3000
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: TCB-1 LOCATED IN TANK SYSTEM BACKFILL DETECTED 115,000 PPB MTBE ON 12/18/2000 WITHOUT TPHg OR BTEX. TCB-1 PUMPED WEEKLY FOR OFFSITE DISCHARGE BETWEEN 12/18/2000 & 9/19/2001. MW-1, MW-2, MW-3, MW-4, AND MW-5 NON-DETECT FOR TPH, BTEX, AND MTBE.

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 03/23/1998
Enter Date: 02/26/1999
Case Number: 3000
Responsible Party: ED RALSTON
RP Address: 1380 LEAD HILL RD STE 120
Contact: Not reported
Cross Street: CRESTVIEW DR
Local Agency: 44000
Substance: Gasoline
Discovered Date: 3/12/98
How Discovered: Tank Closure
Stop Date: 3/12/98
How Stopped: Not reported
Leak Source: Tank
Leak Cause: Corrosion
Lead Agency: Regional Board
Case Type: O
Status: Remedial action (cleanup) Underway
Staff Initials: MTK
Review Date: 10/21/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 09/29/1999
Remedial Plan: Not reported
Remedial Action: 12/18/00
Monitoring: / /
Enforcement Type: LET
Enforce Date: Not reported
Close Date: Not reported
Pilot Program: UST
Interim Action: Not reported
Funding: Not reported
MTBE Class: A
Max MTBE Grnd Wtr: 100000
Max MTBE Soil: Not reported
Max MTBE Data: 07/02/2002
MTBE Tested: YES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

TOSCO - FACILITY #5535 (Continued)

S105224813

Lat/Long: 36.9271457 / -121.7650647
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 12
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700159
Basin Plan: 5.10
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System: APTOS RIDGE MUTUAL WATER CO
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 4400684-001GEN
Summary: TCB-1 LOCATED IN TANK SYSTEM BACKFILL DETECTED 115,000 PPB MTBE ON 12/18/2000 WITHOUT TPHg OR BTEX. TCB-1 PUMPED WEEKLY FOR OFFSITE DISCHARGE BETWEEN 12/18/2000 & 9/19/2001.

E29 UNION OIL SS #5535
South 1428 FREEDOM BLVD
1/4-1/2 WATSONVILLE, CA 95076
0.266 mi.
1405 ft.

CA FID UST 1000167292
HIST UST N/A
SWEEPS UST

Relative: CA FID UST:
Lower Facility ID: 44000835
Regulated By: UTNKA
Actual: Regulated ID: 00030746
88 ft. Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087249890
Mail To: Not reported
Mailing Address: 1 CALIFORNIA ST
Mailing Address 2: Not reported
Mailing City, St, Zip: WATSONVILLE 95076
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:
Region: STATE
Facility ID: 00000030746
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0006
Contact Name: WALTER M. CURTIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS #5535 (Continued)

1000167292

Telephone: 4087249890
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111

Tank Num: 001
Container Num: 5535-1-1
Year Installed: 1965
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 5535-2-1
Year Installed: 1965
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 5535-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 5535-1-1
Year Installed: 1965
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5535-2-1
Year Installed: 1965
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 5535-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS #5535 (Continued)

1000167292

Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
Comp Number: 30746
Number: 9
Board Of Equalization: 44-000051
Ref Date: 04-27-93
Act Date: 04-27-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 5535-1-1
Swrcb Tank Id: 44-052-030746-000001
Actv Date: 04-27-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 30746
Number: 9
Board Of Equalization: 44-000051
Ref Date: 04-27-93
Act Date: 04-27-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 5535-2-1
Swrcb Tank Id: 44-052-030746-000002
Actv Date: 04-27-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 30746
Number: 9
Board Of Equalization: 44-000051
Ref Date: 04-27-93
Act Date: 04-27-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 5535-4-1
Swrcb Tank Id: 44-052-030746-000003
Actv Date: 04-27-93
Capacity: 280
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

Map ID Direction Distance Elevation Site Database(s) EDR ID Number EPA ID Number

MAP FINDINGS

E30 TOMRA PACIFIC INC/LA PRINCESA MARKET SWRCY S107138230
 SSE 1424 FREEDOM BLVD N/A
 1/4-1/2 WATSONVILLE, CA 95076
 0.276 mi.
 1466 ft. Site 3 of 3 in cluster E

Relative: SWRCY:
 Lower Certification Status: O
 Facility Phone Number: Not reported
 Actual: Date facility became certified: 06/24/98
 88 ft. Date facility began operating: 07/01/98
 Date facility ceased operating: Still operating
 Whether The Facility Is Grandfathered: Not reported
 Convenience Zone Where Facility Located: 2536
 Convenience Zone Where Facility Located 2: 2539
 Convenience Zone Where Facility Located 3: 2540
 Convenience Zone Where Facility Located 4: 0
 Convenience Zone Where Facility Located 5: 0
 Convenience Zone Where Facility Located 6: 0
 Convenience Zone Where Facility Located 7: 0
 Aluminum Beverage Containers Redeemed: AL
 Glass Beverage Containers Redeemed: GL
 Plastic Beverage Containers Redeemed: PL
 Other mat beverage containers redeemed: Not reported
 Refillable Beverage Containers Redeemed: Not reported

F31 EDS ALLOY RECYCLING SWRCY S108724399
 WNW 1705 FREEDOM BLVD N/A
 1/4-1/2 FREEDOM, CA 95019
 0.299 mi.
 1580 ft. Site 1 of 5 in cluster F

Relative: SWRCY:
 Higher Certification Status: O
 Facility Phone Number: (408) 472-4726
 Actual: Date facility became certified: 07/19/07
 115 ft. Date facility began operating: 09/15/07
 Date facility ceased operating: Still operating
 Whether The Facility Is Grandfathered: Not reported
 Convenience Zone Where Facility Located: 2522
 Convenience Zone Where Facility Located 2: 2540
 Convenience Zone Where Facility Located 3: 0
 Convenience Zone Where Facility Located 4: 0
 Convenience Zone Where Facility Located 5: 0
 Convenience Zone Where Facility Located 6: 0
 Convenience Zone Where Facility Located 7: 0
 Aluminum Beverage Containers Redeemed: AL
 Glass Beverage Containers Redeemed: GL
 Plastic Beverage Containers Redeemed: PL
 Other mat beverage containers redeemed: Not reported
 Refillable Beverage Containers Redeemed: Not reported

Map ID Direction Distance Elevation Site Database(s) EDR ID Number EPA ID Number

MAP FINDINGS

F32 JIMS BUSINESS MACHINES RCRA-SQG 1000597356
 WNW 1715 FREEDOM BLVD FINDS CAD983613621
 1/4-1/2 FREEDOM, CA 95019
 0.309 mi.
 1632 ft. Site 2 of 5 in cluster F

Relative: RCRA-SQG:
 Higher Date form received by agency: 11/18/1991
 Facility name: JIMS BUSINESS MACHINES
 Actual: Facility address: 1715 FREEDOM BLVD
 115 ft. FREEDOM, CA 95019
 EPA ID: CAD983613621
 Contact: JAMES HILL
 Contact address: 1715 FREEDOM BLVD
 FREEDOM, CA 95019
 Contact country: US
 Contact telephone: (408) 724-2575
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
 Owner/operator name: JAMES HILL
 Owner/operator address: 1715 FREEDOM BLVD
 FREEDOM, CA 95019
 Owner/operator country: Not reported
 Owner/operator telephone: (408) 724-2575
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

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

Violation Status: No violations found
 FINDS:
 Other Pertinent Environmental Activity Identified at Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

JIMS BUSINESS MACHINES (Continued)

1000597356

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

F33 FREEDOM CAR WASH
WNW 1719 FREEDOM BLVD
1/4-1/2 WATSONVILLE, CA 95076
0.312 mi.
1649 ft.

CA FID UST S101625397
SWEEPS UST N/A

Relative: CA FID UST:
Higher Facility ID: 44001651
Regulated By: UTNKA
Actual: Regulated ID: 00009030
115 ft. Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087228575
Mail To: Not reported
Mailing Address: P O BOX 1136
Mailing Address 2: Not reported
Mailing City,St,Zip: WATSONVILLE 95076
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 9030
Number: Not reported
Board Of Equalization: 44-027197
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 44-052-009030-000001
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 9030
Number: Not reported
Board Of Equalization: 44-027197
Ref Date: Not reported
Act Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

FREEDOM CAR WASH (Continued)

S101625397

Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 44-052-009030-000002
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 9030
Number: Not reported
Board Of Equalization: 44-027197
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 44-052-009030-000003
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 9030
Number: Not reported
Board Of Equalization: 44-027197
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 44-052-009030-000004
Actv Date: Not reported
Capacity: 500
Tank Use: EMPTY
Stg: WASTE
Content: EMPTY
Number Of Tanks: Not reported

F34 LONE TREE PROP
WNW 1719 FREEDOM BLVD
1/4-1/2 WATSONVILLE, CA 95076
0.312 mi.
1649 ft.

HAZNET S102430231
LUST N/A

Relative: HAZNET:
Higher Gepaid: CAC000985872
Contact: DAVE ROSE
Actual: Telephone: 4085957251
115 ft. Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 922 BREWINGTON AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

LONE TREE PROP (Continued)

S102430231

Mailing City,St,Zip: WATSONVILLE, CA 950760000
Gen County: Santa Cruz
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 15.2750
Facility County: Santa Cruz

LUST:

Region: STATE
Case Type: Soil only
Cross Street: LANDIS
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Overfill
Leak Source: Piping
Global Id: T0608700084
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1994-05-11 00:00:00
Close Date: 1994-06-20 00:00:00
Discover Date: 1994-05-11 00:00:00
Enforcement Dt: Not reported
Release Date: 1994-05-11 00:00:00
Review Date: 1994-05-11 00:00:00
Enter Date: 1994-07-11 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Unleaded Gasoline
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MTK
Staff Initials: UST
Lead Agency: Local Agency
Local Agency: 44000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

LONE TREE PROP (Continued)

S102430231

Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 2464
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: REMOVED APPROX. 220 YRDS OF SOIL (05/11/94).

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 05/11/1994
Enter Date: 07/11/1994
Case Number: 2464
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: LANDIS
Local Agency: 44000
Substance: Unleaded Gasoline
Discovered Date: 5/11/94
How Discovered: Tank Closure
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Piping
Leak Cause: Overfill
Lead Agency: Local Agency
Case Type: S
Status: Case Closed
Staff Initials: MTK
Review Date: 05/11/1994
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: 05/11/1994
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 6/20/94
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

LONE TREE PROP (Continued)

S102430231

Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9328155 / -121.771221
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700084
Basin Plan: 5.10
Beneficial: Not reported
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System: CITY OF WATSONVILLE
Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: REMOVED APPROX. 220 YRDS OF SOIL (05/11/94).

F35 FREEDOM CAR WASH
WNW 1719 FREEDOM BLVD.
1/4-1/2 WATSONVILLE, CA 95076
0.312 mi.
1649 ft.

HIST UST U001602213
N/A

Site 5 of 5 in cluster F

Relative: HIST UST:
Higher Region: STATE
Facility ID: 0000009030
Actual: Facility Type: Gas Station
115 ft. Other Type: Not reported
Total Tanks: 0003
Contact Name: ROBERT BELTRAN
Telephone: 4087228575
Owner Name: JAMES L. TAYLOR
Owner Address: 679 LARKIN VALLEY ROAD
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: 1977
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1977
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

FREEDOM CAR WASH (Continued)

U001602213

Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1977
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

G36 GRIMMER ORCHARDS
NNE 200 HOLOHAN RD
1/4-1/2 WATSONVILLE, CA 95076
0.334 mi.
1761 ft.

HIST UST U001602230
N/A

Site 1 of 4 in cluster G

Relative: HIST UST:
Lower Region: STATE
Facility ID: 00000031039
Actual: Facility Type: Other
89 ft. Other Type: FARM EQUIP, FUEL POI
Total Tanks: 0001
Contact Name: G. CORTEZ
Telephone: 0000000000
Owner Name: GRIMMER ORCHARDS
Owner Address: 45 BRUSHWOOD LN
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: 1980
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

G37 SANTA CRUZ CO AGRI COMM
NNE 198 HOLOHAN RD
1/4-1/2 WATSONVILLE, CA 95076
0.334 mi.
1761 ft.

FINDS 1000395041
CERC-NFRAP CAD000775684
RCRA-NonGen

Site 2 of 4 in cluster G

Relative: FINDS:
Lower Other Pertinent Environmental Activity Identified at Site

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

SANTA CRUZ CO AGRI COMM (Continued)

1000395041

CERC-NFRAP:

Site ID: 0900949
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):

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

Contact Name: Nuria Muniz
Contact Tel: (415) 972-3811
Contact Title: Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: SANTA CRUZ AGRI COMM(FINDS)
Alias Address: Not reported
CA
Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 08/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 05/01/1985
Date Completed: 08/01/1986
Priority Level: NFRAP (No Further Remedial Action Planned)

RCRA-NonGen:

Date form received by agency: 08/20/1980
Facility name: SANTA CRUZ CO AGRI COMM
Facility address: 198 HOLOHAN RD
WATSONVILLE, CA 95076
EPA ID: CAD000775684
Mailing address: 1430 FREEDOM BLVD.
WATSONVILLE, CA 95076
Contact: ENVIRONMENTAL MANAGER
Contact address: 198 HOLOHAN RD
WATSONVILLE, CA 95076
Contact country: US
Contact telephone: (408) 724-1149
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

SANTA CRUZ CO AGRI COMM (Continued)

1000395041

Owner/Operator Summary:

Owner/operator name: SANTA CRUZ COUNTY AGRICULTURAL COMM
Owner/operator address: 1430 FREEDOM BLVD.
CITY NOT REPORTED, CA 99999

Owner/operator country: Not reported
Owner/operator telephone: (408) 724-1149
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SANTA CRUZ COUNTY AGRICULTURAL COMM
Owner/operator address: 1430 FREEDOM BLVD.
WATSONVILLE, CA 95076

Owner/operator country: Not reported
Owner/operator telephone: (408) 724-1149
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

G38 HOLOHAN MAINTENANCE YARD
NNE 198 HOLOHAN RD
1/4-1/2 WATSONVILLE, CA 95076
0.334 mi.
1761 ft. Site 3 of 4 in cluster G

Relative:
Lower

Actual:
89 ft.

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: COTTAGE LANE
Enf Type: Not reported
Funding: VC
How Discovered: Inventory Control
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608700100

LUST S102431448
Cortese N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOLOHAN MAINTENANCE YARD (Continued)

S102431448

Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 1994-01-01 00:00:00
Monitoring: 1999-03-25 00:00:00
Close Date: Not reported
Discover Date: 1993-03-08 00:00:00
Enforcement Dt: Not reported
Release Date: 1994-01-01 00:00:00
Review Date: 2002-06-27 00:00:00
Enter Date: 1994-12-16 00:00:00
MTBE Date: 2006-09-22 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 90
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Post remedial action monitoring
Chemical: Diesel
Contact Person: Not reported
Responsible Party: RUSS BATESON
RP Address: 701 OCEAN ST RM 410
Interim: No
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 20
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 2503
Qty Leaked: Not reported
Abate Method: Remove Free Product - remove floating product from water table, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ADDITIONAL LEAK REPORT SUBMITTED 7/20/95. TANK MONITORING WELL IMPACTED. DOMESTIC WELL TO BE RELOCATED. GO TO SEMI-ANNUAL SCHEDULE. 5/14/99: DELINEATION COMPLETE, MONITOR NATURAL ATENUATION. (MW-1, MW-4, MW-6)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOLOHAN MAINTENANCE YARD (Continued)

S102431448

NON-DETECT FOR TPM, BTEX, MTBE

LUST:
Region: 3
Regional Board: Central Coast Region
Release Date: 01/01/1994
Enter Date: 12/16/1994
Case Number: 2503
Responsible Party: RUSS BATESON
RP Address: 701 OCEAN ST RM 410
Contact: Not reported
Cross Street: COTTAGE LANE
Local Agency: 44000
Substance: Diesel
Discovered Date: 3/8/93
How Discovered: Inventory Control
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Tank
Leak Cause: Structure Failure
Lead Agency: Regional Board
Case Type: O
Status: Post remedial action monitoring
Staff Initials: TAS
Review Date: 06/27/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: 1/1/94
Monitoring: 03/25/1999
Enforcement Type: LET
Enforce Date: Not reported
Close Date: Not reported
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: C
Max MTBE Grnd Wtr: 700
Max MTBE Soil: Not reported
Max MTBE Data: 09/07/2001
MTBE Tested: YES
Lat/Long: 36.9457153 / -121.7545684
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 11
Mtbe Fuel: 0
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700100
Basin Plan: 5.10
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

HOLOHAN MAINTENANCE YARD (Continued)

S102431448

Quantity: Not reported
Abatement Method: Remove Free Product - remove floating product from water table, Excavate and Treat - remove contaminated soil
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: ADDITIONAL LEAK REPORT SUBMITTED 7/20/95. TANK MONITORING WELL IMPACTED. DOMESTIC WELL TO BE RELOCATED. GO TO SEMI-ANNUAL SCHEDULE. 5/14/99: DELINEATION COMPLETE, MONITOR NATURAL ATENUATION.

Cortese:
Region: CORTESE
Facility Addr2: 198 HOLOHAN RD

G39 TRANSPORTATION DEPARTMENT
NNE 196 HOLOHAN RD
1/4-1/2 WATSONVILLE, CA 95076
0.335 mi.
1767 ft.

HIST UST U001602394
N/A

Site 4 of 4 in cluster G

Relative: HIST UST:
Lower Region: STATE
Facility ID: 00000055163
Actual: Facility Type: Other
89 ft. Other Type: SCHOOL
Total Tanks: 0001
Contact Name: HANK HENDRICKSON
Telephone: 4087286248
Owner Name: PAJARO VALLEY UNIFIED SCHOOL D
Owner Address: 205 BLACKBURN ST.
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: 1963
Tank Capacity: 00000200
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

40 T.J. ARBAMAS
NE 182 HOLOHAN RD
1/4-1/2 WATSONVILLE, CA 95076
0.348 mi.
1837 ft.

HIST UST U001602386
N/A

Relative: HIST UST:
Lower Region: STATE
Facility ID: 00000028682
Actual: Facility Type: Other
87 ft. Other Type: FARM
Total Tanks: 0001
Contact Name: Not reported
Telephone: 4087246160

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

T.J. ARBAMAS (Continued)

U001602386

Owner Name: T.J. ARBAMAS
Owner Address: 182 HOLOHAM RD.
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000300
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

41 DON HEIM & SON DRY CLEANERS
SSW 1350 FREEDOM BLVD
1/4-1/2 WATSONVILLE, CA 95076
0.391 mi.
2066 ft.

SLIC S108086741
N/A

Relative: SLIC:
Lower Region: STATE
Global Id: SL0608709416
Actual: Assigned Name: SLICSITE
86 ft. Lead Agency Contact: KARYN STECKLING
Lead Agency: CENTRAL COAST RWQCB (REGION 3)
Lead Agency Case Number: S380
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: 52
Facility Status: Pollution Characterization

42 SHELL STATION
WNW 1830 FREEDOM BLVD
1/4-1/2 WATSONVILLE, CA 90749
0.419 mi.
2212 ft.

LUST S102437380
Cortese N/A

Relative: LUST:
Higher Region: STATE
Case Type: Soil only
Actual: Cross Street: Not reported
121 ft. Enf Type: R
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0608700201
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL STATION (Continued)

S102437380

Close Date: 1988-02-22 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1989-07-14 00:00:00
Review Date: 1989-08-10 00:00:00
Enter Date: 1989-08-10 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MTK
Staff Initials: UST
Lead Agency: Local Agency
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: 0
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 451
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 07/14/1989
Enter Date: 08/10/1989
Case Number: 451
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL STATION (Continued)

S102437380

Local Agency: 44000
Substance: Gasoline
Discovered Date: Not reported
How Discovered: Tank Closure
Stop Date: Not reported
How Stopped: Not reported
Leak Source: UNK
Leak Cause: UNK
Lead Agency: Local Agency
Case Type: S
Status: Case Closed
Staff Initials: MTK
Review Date: 08/10/1989
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 2/22/88
Pilot Program: UST
Interim Action: 0
Funding: R
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9342935 / -121.7723961
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700201
Basin Plan: 5.10
Beneficial: Not reported
Priority: 0
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System: CITY OF WATSONVILLE
Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 1830 FREEDOM BLVD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

43 BRAYCOVICH PROPERTY
ENE 118-A HOLOHAN RD
1/4-1/2 WATSONVILLE, CA 95076
0.469 mi.
2476 ft.

LUST S102425721
N/A

Relative:
Lower

LUST:

Region: STATE
Case Type: Drinking water wells have been affected
Cross Street: Not reported
Ent Type: Not reported
Funding: NA
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Corrosion
Leak Source: Tank
Global Id: T0608700129
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 2000-09-26 00:00:00
Pollution Char: 2000-10-25 00:00:00
Remed Plan: 2003-06-01 00:00:00
Remed Action: Not reported
Monitoring: 2003-05-30 00:00:00
Close Date: Not reported
Discover Date: 1996-05-29 00:00:00
Enforcement Dt: Not reported
Release Date: 1996-08-24 00:00:00
Review Date: 2002-06-27 00:00:00
Enter Date: 1996-09-04 00:00:00
MTBE Date: 2003-11-17 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 9000
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Remediation Plan
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: JANET BANOVA
RP Address: 1214 GRONWALL LANE
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: B
MTBE Conc: 24
MTBE Fuel: 2
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Local Case #: Not reported
Case Number: 2706
Qty Leaked: Not reported
Abate Method: Other
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: 3 MONITORING WELLS INSTALLED 9/26/00; ONE 550 GALLON UST REMOVED 5/29/96; MTBE AND BENZENE DETECTED IN GROUNDWATER AT LEVELS ABOVE WQO's. 0.7 PPB MTBE DETECTED IN SITE DOMESTIC WELL ON 10/25/01 (190' FROM FORMER UST).

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 08/24/1996
Enter Date: 09/04/1996
Case Number: 2706
Responsible Party: JANET BANOVA
RP Address: 1214 GRONWALL LANE
Contact: Not reported
Cross Street: Not reported
Local Agency: 44000
Substance: Gasoline
Discovered Date: 5/29/96
How Discovered: Tank Closure
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Tank
Leak Cause: Corrosion
Lead Agency: Regional Board
Case Type: W
Status: Remediation Plan
Staff Initials: MTK
Review Date: 06/27/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 9/26/00
Pollution Char: 10/25/2000
Remedial Plan: 11/19/02
Remedial Action: Not reported
Monitoring: / /
Enforcement Type: LET
Enforce Date: Not reported
Close Date: Not reported
Pilot Program: LIA
Interim Action: Not reported
Funding: Not reported
MTBE Class: B
Max MTBE Grnd Wtr: 4800
Max MTBE Soil: Not reported
Max MTBE Data: 03/11/2001
MTBE Tested: YES
Lat/Long: 36.94159963 / -121.7624273
Soil Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Grnd Wtr Qualifier: =
Mtb Concentratn: 8
Mtb Fuel: 2
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700129
Basin Plan: 5.10
Beneficial: Not reported
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Other
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: 3 MONITORING WELLS INSTALLED 9/26/00; ONE 550 GALLON UST REMOVED 5/29/96; MTBE AND BENZENE DETECTED IN GROUNDWATER AT LEVELS ABOVE WQO's. 0.7 PPB MTBE DETECTED IN SITE DOMESTIC WELL ON 10/25/01 (~190' FROM FORMER UST).

44
SSW
1/4-1/2
0.480 mi.
2535 ft.

J'S GAS & SAVE
1114 FREEDOM BLVD
WATSONVILLE, CA 95076

LUST S102431766
N/A

Relative:
Lower

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: LINCOLN ST
Enf Type: Not reported
Funding: TC
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Leak Cause: Overfill
Leak Source: UNK
Global Id: T0608700117
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1996-11-01 00:00:00
Pollution Char: 2003-05-21 00:00:00
Remed Plan: 2005-12-07 00:00:00
Remed Action: 2007-02-14 00:00:00
Monitoring: 2003-05-01 00:00:00
Close Date: Not reported
Discover Date: 1996-04-15 00:00:00
Enforcement Dt: Not reported
Release Date: 1996-05-01 00:00:00
Review Date: 1998-06-23 00:00:00
Enter Date: 1996-05-13 00:00:00
MTBE Date: 2006-12-23 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

J'S GAS & SAVE (Continued)

S102431766

Max MTBE GW ppb: 940
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Remedial action (cleanup) Underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: MACEDONIO MEDINA
RP Address: 72 SANTA CRUZ ST
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: B
MTBE Conc: 21
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 2573
Qty Leaked: Not reported
Abate Method: U
Operator: Not reported
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: THIS SITE HAD AN OVERFILL INCIDENT DURING LATE 70'S. UST'S REMOVED 9/23/99 WITH OVEREXCAVATION. 3 MW'S INSTALLED 11/96 & SAMPLED 5 QUARTERS RESULTING IN ND FOR TPHG, BTEX & MTBE. CASE CONSIDERED FOR CLOSURE 10/98 BY RWQCB; HOWEVER S.C.CO EHS STILL HAD SOIL ISSUES. S.C.CO DIRECTIVES LEAD TO ADDITIONAL SOIL AND GW INVESTIGATION 8/01 RESULTING IN THE IDENTIFICATION OF SIGNIFICANT SOIL AND GW IMPACTS.

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 05/01/1996
Enter Date: 05/13/1996
Case Number: 2573
Responsible Party: MACEDONIO MEDINA
RP Address: 72 SANTA CRUZ ST
Contact: Not reported
Cross Street: LINCOLN ST
Local Agency: 44000
Substance: Gasoline
Discovered Date: 4/15/96
How Discovered: Subsurface Monitoring
Stop Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J'S GAS & SAVE (Continued)

S102431766

How Stopped: Not reported
Leak Source: UNK
Leak Cause: Overfill
Lead Agency: Regional Board
Case Type: O
Status: Pollution Characterization
Staff Initials: MTK
Review Date: 06/23/1998
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 11/1/96
Pollution Char: 02/14/2002
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Enforcement Type: LET
Enforce Date: Not reported
Close Date: Not reported
Pilot Program: UST
Interim Action: Not reported
Funding: Not reported
MTBE Class: C
Max MTBE Grnd Wtr: 18
Max MTBE Soil: Not reported
Max MTBE Data: 12/22/2002
MTBE Tested: YES
Lat/Long: 36.9223109 / -121.7612565
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtb Concentratn: 3
Mtb Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700117
Basin Plan: 5.10
Beneficial: Not reported
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: U
Operator: Not reported
Water System: APTOS RIDGE MUTUAL WATER CO
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 4400684-001GEN

Summary: THIS SITE HAD AN OVERFILL INCIDENT DURING LATE 70'S. UST'S REMOVED 9/23/99 WITH OVEREXCAVATION. 3 MW'S INSTALLED 11/96 & SAMPLED 5 QUARTERS RESULTING IN ND FOR TPHG, BTEX & MTBE. CASE CONSIDERED FOR CLOSURE 10/98 BY RWQCB; HOWEVER S.C.CO EHS STILL HAD SO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

45
WNW
1/4-1/2
0.496 mi.
2620 ft.

Relative:
Higher

Actual:
126 ft.

FREEDOM BP
1902 FREEDOM BLVD
FREEDOM, CA 95019

LUST
Cortese
SWEEPS UST S102432777
N/A

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: GREEN VALLEY ROAD
Enf Type: Not reported
Funding: LET
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0608700004
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1991-02-20 00:00:00
Pollution Char: Not reported
Remed Plan: 2004-01-20 00:00:00
Remed Action: 2004-05-05 00:00:00
Monitoring: 2006-01-23 00:00:00
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1990-03-07 00:00:00
Review Date: 2002-08-13 00:00:00
Enter Date: 1989-01-01 00:00:00
MTBE Date: 2002-03-25 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 8500
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Post remedial action monitoring
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: MR. RON INCE
RP Address: 175 MAIN STREET
Interim: No
Oversight Prgm: LUST
MTBE Class: A
MTBE Conc: 32
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEDOM BP (Continued)

S102432777

Local Case #: Not reported
Case Number: 1021
Qty Leaked: Not reported
Abate Method: Remove Free Product - remove floating product from water table
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DOUBLE WALL TANKS INSTALLED. FREE PRODUCT REMOVED DAILY. DUAL PHASE EXTRACTION SYSTEM OPERATIONAL. POTENTIAL RELEASE SUSPECTED FROM NEW TANKS INSTALLED 4/90. USA PETROLEUM GOING TO REMOVE TANKS SITE 8/00. NEW TANKS & PIPING REMOVED 9/01. SIGNIFICANT SOIL IMPACTS DISCOVERED UNDER DISPENSERS & PRODUCT PIPING (NO DISPENSER PAN). 1069 (YD 3) IMPACTED SOIL EXCAVATED 9/01. TREATMENT SYSTEM UPGRADED W/ AIR SPARING & SVE WELLS. HORIZ WELLS INSTALLED 5/11/04. MW-2,MW-3, MW-4 CLOSED 1996/2000 MW-7

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 03/07/1990
Enter Date: 01/01/1989
Case Number: 1021
Responsible Party: WALTER LOVE
RP Address: P.O. BOX 1807
Contact: Not reported
Cross Street: GREEN VALLEY ROAD
Local Agency: 44000
Substance: Gasoline
Discovered Date: Not reported
How Discovered: OM
Stop Date: Not reported
How Stopped: Not reported
Leak Source: UNK
Leak Cause: UNK
Lead Agency: Regional Board
Case Type: O
Status: Remedial action (cleanup) Underway
Staff Initials: MTK
Review Date: 08/13/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 2/20/91
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: 10/31/95
Monitoring: / /
Enforcement Type: LET
Enforce Date: Not reported
Close Date: Not reported
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: B
Max MTBE Grnd Wtr: 9900
Max MTBE Soil: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEDOM BP (Continued)

S102432777

Max MTBE Data: 03/25/2002
MTBE Tested: YES
Lat/Long: 36.9352015 / -121.7733251
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 15
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700004
Basin Plan: 5.10
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Remove Free Product - remove floating product from water table
Operator: Not reported
Water System: CITY OF WATSONVILLE
Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: DOUBLE WALL TANKS INSTALLED. FREE PRODUCT REMOVED DAILY. DUAL PHASE EXTRACTION SYSTEM OPERATIONAL. POTENTIAL RELEASE SUSPECTED FROM NEW TANKS INSTALLED 4/90. USA PETROLEUM GOING TO REMOVE TANKS SITE 8/00. NEW TANKS & PIPING REMOVED 9/01. SIGNIFICANT SOI

Cortese:

Region: CORTESE
Facility Addr2: 1902 FREEDOM BLVD

SWEEPS UST:

Status: A
Comp Number: 56429
Number: 2
Board Of Equalization: 44-027147
Ref Date: 06-14-90
Act Date: 06-14-90
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 1REG
Swrcb Tank Id: 44-000-056429-000001
Actv Date: 06-14-90
Capacity: 10000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 56429
Number: 2
Board Of Equalization: 44-027147
Ref Date: 06-14-90
Act Date: 06-14-90

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site _____

Database(s) _____

EDR ID Number
EPA ID Number

FREEDOM BP (Continued)

S102432777

Created Date: 12-31-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 44-000-056429-000002
Actv Date: 06-14-90
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 56429
Number: 2
Board Of Equalization: 44-027147
Ref Date: 06-14-90
Act Date: 06-14-90
Created Date: 12-31-88
Tank Status: A

Owner Tank Id: Not reported
Swrcb Tank Id: 44-000-056429-000003
Actv Date: 06-14-90
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 56429
Number: 2
Board Of Equalization: 44-027147
Ref Date: 06-14-90
Act Date: 06-14-90
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 44-000-056429-000004
Actv Date: 06-14-90
Capacity: 550
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

H46
WNW
1/4-1/2
0.497 mi.
2624 ft.

E'S RANCH MILK
1 GREEN VALLEY RD
FREEDOM, CA 95019

Site 1 of 2 in cluster H

Relative:
Higher

LUST:
Region: 3
Regional Board: Central Coast Region
Release Date: 02/13/1991
Enter Date: 01/01/1981
Case Number: 1037
Responsible Party: UNKNOWN

LUST U001601048
Cortese N/A
HIST UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site _____

Database(s) _____

EDR ID Number
EPA ID Number

E'S RANCH MILK (Continued)

U001601048

RP Address: P.O. BOX 1807
Contact: Not reported
Cross Street: FREEDOM BOULEVARD
Local Agency: 44000
Substance: Gasoline
Discovered Date: 12/4/90
How Discovered: Tank Closure
Stop Date: 12/4/90
How Stopped: Not reported
Leak Source: Piping
Leak Cause: Overfill
Lead Agency: Regional Board
Case Type: O
Status: Case Closed
Staff Initials: MTK
Review Date: 08/22/1996
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 2/13/91
Pollution Char: 02/06/1993
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 12/22/97
Pilot Program: UST
Interim Action: 0
Funding: S
MTBE Class: Not reported
Max MTBE Grnd Wtr: 5
Max MTBE Soil: Not reported
Max MTBE Data: 05/09/1996
MTBE Tested: YES
Lat/Long: 36.9350525 / -121.7732621
Soil Qualifier: Not reported
Grnd Wtr Qualifier: <
Mtbe Concentratn: 1
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700009
Basin Plan: 5.10
Beneficial: Not reported
Priority: 3A3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: U
Operator: Not reported
Water System: CITY OF WATSONVILLE
Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

E'S RANCH MILK (Continued)

U001601048

Cortese:
Region: CORTESE
Facility Addr2: 1 GREEN VALLEY RD

HIST UST:
Region: STATE
Facility ID: 00000011660
Facility Type: Other
Other Type: RETAIL STORE
Total Tanks: 0003
Contact Name: OWNER
Telephone: 4087223662
Owner Name: DAVID MARTIN
Owner Address: 9 SHADYOAKS DR.
Owner City,St,Zip: WATSONVILLE, CA 95076

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Pressure Test

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Pressure Test

H47
WNW
1/4-1/2
0.497 mi.
2624 ft.

E'S RANCH MILK
1 GREEN VALLEY RD
FREEDOM, CA 95019
Site 2 of 2 in cluster H

LUST U003971393
UST N/A

Relative:
Higher
Actual:
125 ft.
LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: FREEDOM BOULEVARD
Enf Type: S
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

E'S RANCH MILK (Continued)

U003971393

Leak Cause: Overfill
Leak Source: Piping
Global Id: T0608700009
Stop Date: 1990-12-04 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1991-02-13 00:00:00
Pollution Char: 1993-02-06 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-12-22 00:00:00
Discover Date: 1990-12-04 00:00:00
Enforcement Dt: Not reported
Release Date: 1991-02-13 00:00:00
Review Date: 1996-08-22 00:00:00
Enter Date: 1981-01-01 00:00:00
MTBE Date: 1996-05-09 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 5
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: UNKNOWN
RP Address: P.O. BOX 1807
Interim: No
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: RB3
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: 3A3
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1037
Qty Leaked: Not reported
Abate Method: U
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

E'S RANCH MILK (Continued) U003971393

UST:
Local Agency: 44000
Facility ID: FA0002078

48 NW 1/2-1 0.535 mi. 2823 ft. GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY 229 GREEN VALLEY ROAD FREEDOM, CA 95019 SCH ENVIROSTOR S108649767 N/A

Relative: Higher Actual: 119 ft. SCH: Facility ID: 60000685 Site Type: School Investigation Site Type Detail: School Acres: 1.57 National Priorities List: NO Cleanup Oversight Agencies: SMBRP Lead Agency: SMBRP Lead Agency Description: Not reported Project Manager: MARY GASPARI Supervisor: Mark Malinowski Division Branch: School Evaluation - Glendale / Sacramento Site Code: 204208-11 Assembly: 28 Senate: 15 Special Program Status: Not reported Status: Active Status Date: 2007-08-07 00:00:00 Restricted Use: NO Funding: School District Latitude: 36.9382759036145 Longitude: -121.7713 Alias Name: 204208-11 048-061-06 60000685 Alias Type: Project Code (Site Code) Envirostor ID Number APN: 048-061-06 APN Description: Not reported Comments: sent fully executed agreement to districtDTSC approved the PEA Workplan Technical Memorandum Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Preliminary Endangerment Assessment Tech Memo Completed Date: 11/05/07 Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Environmental Oversight Agreement Completed Date: 08/27/07 Confirmed: 30001-NO,30004-NO,30006-NO,30007-NO,30008-NO,30010-NO,30013-NO,31001,4002-NO Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY (Continued) S108649767

Confirmed Description: Not reported
Confirmed Description: Not reported
Confirmed Description: Not reported
Confirmed Description: Not reported
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Preliminary Endangerment Assessment Report
Future Due Date: 2008
Media Affected: SOIL, UE
Media Affected Desc: Soil
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 31001, 30001, 30004, 30006, 30007, 30008, 30010, 30013, 40002
Potential Description: Not reported
Potential Description: Arsenic
Potential Description: Chlordane
Potential Description: DDD
Potential Description: DDE
Potential Description: DDT
Potential Description: Endrin
Potential Description: Lead
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: AGRICULTURAL - LIVESTOCK, RESIDENTIAL AREA

ENVIROSTOR: Site Type: School Investigation Site Type Detailed: School Acres: 1.57 NPL: NO Regulatory Agencies: SMBRP Lead Agency: SMBRP Program Manager: MARY GASPARI Supervisor: Mark Malinowski Division Branch: School Evaluation - Glendale / Sacramento Facility ID: 60000685 Site Code: 204208-11 Assembly: 28 Senate: 15 Special Program: Not reported Status: Active Status Date: 2007-08-07 00:00:00 Restricted Use: NO Funding: School District Latitude: 36.9382759036145 Longitude: -121.7713 Alias Name: 204208-11 048-061-06 60000685 Alias Type: Project Code (Site Code) Envirostor ID Number APN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY (Continued)

S108649767

APN: 048-061-06
 APN Description: Not reported
 Comments: sent fully executed agreement to district DTSC approved the PEA
 Workplan Technical Memorandum
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Preliminary Endangerment Assessment Tech Memo
 Completed Date: 11/05/07
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Environmental Oversight Agreement
 Completed Date: 08/27/07
 Confirmed: 30001-NO,30004-NO,30006-NO,30007-NO,30008-NO,30010-NO,30013-NO,31001,4
 002-NO
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Preliminary Endangerment Assessment Report
 Future Due Date: 2008
 Media Affected: SOIL, UE
 Media Affected Desc: Soil
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: 31001, 30001, 30004, 30006, 30007, 30008, 30010, 30013, 40002
 Potential Description: Not reported
 Potential Description: Arsenic
 Potential Description: Chlordane
 Potential Description: DDD
 Potential Description: DDE
 Potential Description: DDT
 Potential Description: Endrin
 Potential Description: Lead
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: AGRICULTURAL - LIVESTOCK, RESIDENTIAL AREA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

49 BRAYCOVICH PROPERTY
 ENE 118A HOLOHAN RD
 1/2-1 WATSONVILLE, CA 95076
 0.542 mi.
 2862 ft.

HAZNET
Cortese S105027320
N/A

Relative: HAZNET:
 Lower Gepaid: CAL000276509
 Contact: CLEMENTINE BRAYCOVICH
 Actual: Telephone: 8317246774
 76 ft. Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 118A HOLOHAN RD
 Mailing City,St,Zip: WATSONVILLE, CA 95076
 Gen County: Santa Cruz
 TSD EPA ID: CAL000161743
 TSD County: Santa Clara
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: 0.06
 Facility County: Not reported

Cortese:
 Region: CORTESE
 Facility Addr2: Not reported

50 PAJARO VALLEY ELECTRIC IN
 South 1020 FREEDOM
 1/2-1 WATSONVILLE, CA 95076
 0.592 mi.
 3127 ft.

LUST
Cortese S102434930
N/A

Relative: LUST:
 Lower Region: STATE
 Case Type: Soil only
 Actual: Cross Street: PROSPECT ST
 76 ft. Enf Type: Not reported
 Funding: Not reported
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0608700092
 Stop Date: Not reported
 Confirm Leak: Not reported
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1994-10-26 00:00:00
 Discover Date: 1986-08-29 00:00:00
 Enforcement Dt: Not reported
 Release Date: 1994-10-26 00:00:00
 Review Date: 1994-12-14 00:00:00
 Enter Date: 1994-12-14 00:00:00
 MTBE Date: Not reported
 GW Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

PAJARO VALLEY ELECTRIC IN (Continued)

S102434930

Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: -
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MTK
Staff Initials: UST
Lead Agency: Local Agency
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: 3A1
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 2494
Qty Leaked: Not reported
Abate Method: Cap Site - install horizontal impermeable layer to reduce rainfall infiltration
Operator: Not reported
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: **** CASE CLOSED ****

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 10/26/1994
Enter Date: 12/14/1994
Case Number: 2494
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: PROSPECT ST
Local Agency: 44000
Substance: Gasoline
Discovered Date: 8/29/86
How Discovered: Tank Closure
Stop Date: Not reported
How Stopped: Not reported
Leak Source: UNK
Leak Cause: UNK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

PAJARO VALLEY ELECTRIC IN (Continued)

S102434930

Lead Agency: Local Agency
Case Type: S
Status: Case Closed
Staff Initials: MTK
Review Date: 12/14/1994
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 10/26/94
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9205309 / -121.7605805
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700092
Basin Plan: 5.10
Beneficial: Not reported
Priority: 3A1
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Cap Site - install horizontal impermeable layer to reduce rainfall infiltration
Operator: Not reported
Water System: APTOS RIDGE MUTUAL WATER CO
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 4400684-001GEN
Summary: **** CASE CLOSED ****

Cortese:

Region: CORTESE
Facility Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

51 WATSONVILLE COMMUNITY HOSPITAL
NW 298 GREEN VALLEY RD
1/2-1 WATSONVILLE, CA 95076
0.624 mi.
3294 ft.

LUST S104162819
SWEEPS UST N/A

Relative:
Higher

LUST:
Region: STATE
Case Type: Undefined
Cross Street: HOLOHAN RD
Enf Type: Not reported
Funding: Not reported
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Piping
Global Id: T0608700107
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: 1995-04-24 00:00:00
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-02-26 00:00:00
Discover Date: 1995-01-11 00:00:00
Enforcement Dt: Not reported
Release Date: 1995-04-24 00:00:00
Review Date: 1997-03-03 00:00:00
Enter Date: 1995-05-16 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MTK
Staff Initials: UST
Lead Agency: Local Agency
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: Not reported
Priority: 3A3
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WATSONVILLE COMMUNITY HOSPITAL (Continued)

S104162819

Local Case #: Not reported
Case Number: 2541
Qty Leaked: Not reported
Abate Method: Cap Site - install horizontal impermeable layer to reduce rainfall infiltration
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: THIS CASE IS CLOSED. Wells left in place; tank to be replaced in 1998.

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 04/24/1995
Enter Date: 05/16/1995
Case Number: 2541
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: HOLOHAN RD
Local Agency: 44000
Substance: Diesel
Discovered Date: 1/11/95
How Discovered: Subsurface Monitoring
Stop Date: Not reported
How Stopped: Not reported
Leak Source: Piping
Leak Cause: UNK
Lead Agency: Local Agency
Case Type: U
Status: Case Closed
Staff Initials: MTK
Review Date: 03/03/1997
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: 4/24/95
Remedial Action: Not reported
Monitoring: / /
Enforcement Type: Not reported
Enforce Date: Not reported
Close Date: 2/26/97
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NRQ
Lat/Long: 36.9315776 / -121.7761172
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

WATSONVILLE COMMUNITY HOSPITAL (Continued)

S104162819

Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700107
Basin Plan: 5.10
Beneficial: Not reported
Priority: 3A3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: Cap Site - install horizontal impermeable layer to reduce rainfall infiltration
Operator: Not reported
Water System: CITY OF WATSONVILLE
Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: THIS CASE IS CLOSED. Wells left in place; tank to be replaced in 1998.

SWEEPS UST:

Status: Not reported
Comp Number: 3334
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 44-000-003334-000002
Actv Date: Not reported
Capacity: 1000
Tank Use: OIL
Stg: PRODUCT
Content: DIESEL FUEL
Number Of Tanks: 1

Status: A
Comp Number: 3334
Number: 1
Board Of Equalization: Not reported
Ref Date: 03-01-89
Act Date: 10-02-92
Created Date: 10-02-92
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 44-000-003334-000001
Actv Date: 03-01-89
Capacity: 5000
Tank Use: OIL
Stg: P
Content: DIESEL FUEL
Number Of Tanks: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

I52 SCHIAVON UNOCAL STATION
NW 2001 FREEDOM BLVD
1/2-1 FREEDOM, CA
0.798 mi.
4215 ft. Site 1 of 2 in cluster I

Notify 65 S100179362
LUST N/A
Cortese

Relative: Notify 65:
Higher Date Reported: Not reported
Staff Initials: Not reported
Actual: Board File Number: Not reported
124 ft. Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93060

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: R
Funding: LET
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Tank
Global Id: T0608700290
Stop Date: 1990-08-28 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1990-09-05 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1996-03-04 00:00:00
Close Date: Not reported
Discover Date: 1990-08-28 00:00:00
Enforcement Dt: 1990-09-05 00:00:00
Release Date: 1989-11-03 00:00:00
Review Date: 2002-07-25 00:00:00
Enter Date: 1990-11-19 00:00:00
MTBE Date: 2001-03-06 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 35
Max MTBE Soil ppb: Not reported
County: 44
Org Name: Not reported
Reg Board: Central Coast Region
Status: Post remedial action monitoring
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: MR. MART SCHIAVON
RP Address: 19 ROACHE ROAD
Interim: No
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 5
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: AJM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

SCHIAVON UNOCAL STATION (Continued)

S100179362

Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 44000
Hydr Basin #: PAJARO VALLEY (3-2)
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 877
Qty Leaked: Not reported
Abate Method: U
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ADDITIONAL MW INSTALLED, MW-4 ABANDONED?

LUST:

Region: 3
Regional Board: Central Coast Region
Release Date: 11/03/1989
Enter Date: 11/19/1990
Case Number: 877
Responsible Party: MR. MART SCHIAVON
RP Address: 19 ROACHE ROAD
Contact: Not reported
Cross Street: Not reported
Local Agency: 44000
Substance: Gasoline
Discovered Date: 8/28/90
How Discovered: OM
Stop Date: 8/28/90
How Stopped: Not reported
Leak Source: Tank
Leak Cause: UNK
Lead Agency: Regional Board
Case Type: O
Status: Post remedial action monitoring
Staff Initials: MTK
Review Date: 07/25/2002
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 09/05/1990
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: 03/04/1996
Enforcement Type: LET
Enforce Date: 9/5/90
Close Date: Not reported
Pilot Program: UST
Interim Action: 0
Funding: R
MTBE Class: C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

SCHIAVON UNOCAL STATION (Continued)

S100179362

Max MTBE Grnd Wtr: 35
Max MTBE Soil: Not reported
Max MTBE Data: 03/06/2001
MTBE Tested: YES
Lat/Long: 36.9374824 / -121.7766073
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtb Concentratn: 4
Mtb Fuel: 1
Org Name: Not reported
Facility County: Santa Cruz
Global ID: T0608700290
Basin Plan: 5.10
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Num: Not reported
Quantity: Not reported
Abatement Method: U
Operator: Not reported
Water System: CITY OF WATSONVILLE
Well Name: WELL 05
Distance From Well: 0
Assigned Name: 11S/02E-32K03 M
Summary: ADDITIONAL MW INSTALLED

Cortese:

Region: CORTESE
Facility Addr2: 2001 FREEDOM BLVD

153 NW
1/2-1
0.824 mi.
4351 ft.

Relative:
Higher
Actual:
130 ft.

DAVES PAINT & BODY SHOP
2025 FREEDOM BOULEVARD
WATSONVILLE, CA 95076
Site 2 of 2 in cluster I

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 44750002
Site Code: Not reported
Assembly: Not reported
Senate: Not reported
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1994-07-29 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 0

ENVIROSTOR S101482450
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

DAVES PAINT & BODY SHOP (Continued)

S101482450

Longitude: 0
Alias Name: 44750002
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: FACILITY IDENTIFIED CENTRAL RWQCB SANTA CRUZ INCIDENT REPORT FILE:
DISCHARGE OF PAINTS & SOLVENTS TO A DRAINAGE DITCH ALONG FREEDOM BLVD.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 04/01/88
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

54 SE
1/2-1
0.946 mi.
4997 ft.

SCURICH GAS STATION
601 EAST LAKE AVENUE
WATSONVILLE, CA 95076

ENVIROSTOR S102860963
N/A

Relative: Lower
Actual: 46 ft.
ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 44550001
Site Code: Not reported
Assembly: 28
Senate: 15
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1988-06-20 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 36.92
Longitude: -121.7475
Alias Name: 44550001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

SCURICH GAS STATION (Continued)

S102860963

Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE SITE IS CONTAMINATED WITH PH'S AND LEAD. SITE WAS
PREVIOUSLY A GAS STATION WITH A LEAKY UNDERGROUND TANK. CENTRAL COAST
RWQCB: LEAD AGENCY
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/20/88
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10009, 30013
Potential Description: * HYDROCARBON SOLVENTS
Potential Description: Lead
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

J55 South
> 1
1.090 mi.
5754 ft.

WATSONVILLE COLD STORAGE
625 MAIN STREET
WATSONVILLE, CA 95076

ENVIROSTOR S101482432
N/A

Relative: Lower
Actual: 37 ft.
ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 44420008
Site Code: Not reported
Assembly: 28
Senate: 15
Special Program: * Rural County Survey Program
Status: Refer: Other Agency
Status Date: 1989-08-18 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 36.9133333333333
Longitude: -121.759722222222
Alias Name: 44420008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

WATSONVILLE COLD STORAGE (Continued)

S101482432

Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: FACILITY IDENTIFIED WATSONVILLE CITY FIRE DEPARTMENT OLD COLD STORAGE FACILITY; POSSIBLE USE OF ASBESTOS.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 08/18/89
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

J56 PG&E WATSONVILLE #1
South 618 MAIN STREET
> 1 WATSONVILLE, CA 95076
1.097 mi.
5794 ft. Site 2 of 4 in cluster J

DEED S107616209
VCP N/A
ENVIROSTOR

Relative: DEED:
Lower Area: PROJECT WIDE
Sub Area: Not reported
Actual: Site Type: VOLUNTARY CLEANUP
37 ft. Status: ACTIVE
Deed Date(s): 1/26/2001

VCP:
Facility ID: 44490007
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Acres: 0.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: Not reported
Project Manager: REMEDIOS SUNGA
Supervisor: Mark Piros
Division Branch: North Coast
Site Code: 200278
Assembly: 28
Senate: 15
Special Programs Code: Voluntary Cleanup Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

PG&E WATSONVILLE #1 (Continued)

S107616209

Status: Active
Status Date: 1996-12-18 00:00:00
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 36.9133333333333 / -121.758333333333
Alias Name: JALISCO RESTAURANT
TOWN GAS PLANT - WATSONVILLE #1
01815126
44490007
200278
CAD981416167
018-151-26
Alias Type: Alternate Name
Alternate Name
APN
APN
Project Code (Site Code)
EPA Identification Number
Envirostor ID Number
APN: 018-151-26, 01815126
APN Description: Not reported
APN Description: Not reported
Comments: Historical Summary of former MGP in WatsonvilleCompleted PEA*PEA completed. The results of previous investigations indicate that subsurface soil contains residues characteristic of MGP by-products including polynuclear aromatic hydrocarbons (PNAs), total petroleum hydrocarbons (TPH), and volatile organic coSemi-Annual Groundwater Sampling and Monitoring ReportSemi-Annual Groundwater Monitoring and Sampling ReportSigned Agreement with PG&ESemi-Annual Groundwater Monitoring ReportGroundwater Monitoring ReportSemi-Annual Groundwater Monitoring and Sampling ReportRecorded Deed Restriction limiting property to commercial/industrial uses.mpounds (VOCs).
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/30/93
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/01/01
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/04/02
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 10/01/01
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 04/01/00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 07/18/03
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E WATSONVILLE #1 (Continued)

S107616209

Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 04/01/04
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 06/01/00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 01/31/05
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation/Community Profile
Completed Date: 09/20/00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 02/01/01
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 05/12/03
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 06/01/02
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/09/04
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 05/01/03
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 09/19/00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Plan
Completed Date: 08/01/97
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/06/04
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/04/08
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/03/08
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E WATSONVILLE #1 (Continued)

S107616209

Completed Document Type: Site Screening
Completed Date: 05/05/87
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 01/26/01
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Clean-up Agreement
Completed Date: 12/18/96
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 08/23/06
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/01/86
Confirmed: 30003.30019
Confirmed Description: Benzene
Confirmed Description: Polynuclear aromatic hydrocarbons (PAHs)
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Plan
Future Due Date: 2009
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2009
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Investigation Report
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Fact Sheets
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Notice of Exemption
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2009
Media Affected: OTH, SOIL
Media Affected Desc: Other Groundwater affected (uses other than drinking water)
Media Affected Desc: Soil
Management Required: RES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

PG&E WATSONVILLE #1 (Continued)

S107616209

Management Required Desc: Residence use prohibited
Potential: 30003, 30019
Potential Description: Benzene
Potential Description: Polynuclear aromatic hydrocarbons (PAHs)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURED GAS PLANT

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: REMEDIOS SUNGA
Supervisor: Mark Piros
Division Branch: North Coast
Facility ID: 44490007
Site Code: 200278
Assembly: 28
Senate: 15
Special Program: Voluntary Cleanup Program
Status: Active
Status Date: 1996-12-18 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 36.9133333333333
Longitude: -121.758333333333

Alias Name: JALISCO RESTAURANT
TOWN GAS PLANT - WATSONVILLE #1
01815126
44490007
200278
CAD981416167
018-151-26

Alias Type: Alternate Name
Alternate Name
APN
APN
Project Code (Site Code)
EPA Identification Number
Envirostor ID Number
018-151-26, 01815126

APN: Not reported
APN Description: Not reported

Comments: Historical Summary of former MGP in WatsonvilleCompleted PEA*PEA completed. The results of previous investigations indicate that subsurface soil contains residues characteristic of MGP by-products including polynuclear aromatic hydrocarbons (PNAs), total petroleum hydrocarbons (TPH), and volatile organic coSemi-Annual Groundwater Sampling and Monitoring ReportSemi-Annual Groundwater Monitoring and Sampling ReportSigned Agreement with PG&ESemi-Annual Groundwater Monitoring ReportGroundwater Monitoring ReportSemi-Annual Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

PG&E WATSONVILLE #1 (Continued)

S107616209

Monitoring and Sampling ReportRecorded Deed Restriction limiting property to commercial/industrial uses.mounds (VOCs)."
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/30/93
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/01/01
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/04/02
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 10/01/01
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 04/01/00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 07/18/03
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 04/01/04
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 06/01/00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 01/31/05
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation/Community Profile
Completed Date: 09/20/00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 02/01/01
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 05/12/03
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 06/01/02
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E WATSONVILLE #1 (Continued)

S107616209

Completed Date: 08/09/04
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Groundwater Monitoring Report
 Completed Date: 05/01/03
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 09/19/00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Groundwater Monitoring Plan
 Completed Date: 08/01/97
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 05/06/04
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 01/04/08
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Public Notice
 Completed Date: 01/03/08
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 05/05/87
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Deed Restriction / Land Use Covenant
 Completed Date: 01/26/01
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Voluntary Clean-up Agreement
 Completed Date: 12/18/96
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Amendment - Order/Agreement
 Completed Date: 08/23/06
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Phase 1
 Completed Date: 10/01/86
 Confirmed: 30003,30019
 Confirmed Description: Benzene
 Confirmed Description: Polynuclear aromatic hydrocarbons (PAHs)
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Public Notice
 Future Due Date: 2008
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Operations and Maintenance Plan
 Future Due Date: 2009
 Future Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E WATSONVILLE #1 (Continued)

S107616209

Future Sub Area Name: Not reported
 Future Document Type: Removal Action Completion Report
 Future Due Date: 2009
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Remedial Investigation Report
 Future Due Date: 2008
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Fact Sheets
 Future Due Date: 2008
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Removal Action Workplan
 Future Due Date: 2008
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: CEQA - Notice of Exemption
 Future Due Date: 2008
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Certification
 Future Due Date: 2009
 Media Affected: OTH, SOIL
 Media Affected Desc: Other Groundwater affected (uses other than drinking water)
 Media Affected Desc: Soil
 Management Required: RES
 Management Required Desc: Residence use prohibited
 Potential: 30003, 30019
 Potential Description: Benzene
 Potential Description: Polynuclear aromatic hydrocarbons (PAHs)
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: MANUFACTURED GAS PLANT

J57
 South
 > 1
 1.097 mi.
 5794 ft.
 Relative:
 Lower
 Actual:
 37 ft.

PG&E, WATSONVILLE SITE #1
 618 MAIN STREET
 WATSONVILLE, CA 93208
 Site 3 of 4 in cluster J

Notify 65:
 Date Reported: Not reported
 Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 93208

Notify 65 S100177955
 N/A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

J58 PG AND E WATSONVILLE
 South MAIN STREET CORNER OF 5TH STREET
 > 1 WATSONVILLE, CA 95076
 1.114 mi.
 5884 ft.

Manufactured Gas Plants 1008407789
 N/A

Relative: Lower
 Actual: 36 ft.
 Site 4 of 4 in cluster J
 Manufactured Gas Plants:
 Pacific Gas and Electric Company's (PG and E's) property was the former PG and E Watsonville-1 Manufactured Gas Plant (MGP) which operated from approximately 1871 to 1906. Currently a restaurant leases the former customer service building.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
WATSONVILLE	100851017	MOSS LANDING	HWY 1 S/WATSONVILLE	95076	CERC-NFRAP
WATSONVILLE	1010259713	MOSS LANDING POWER PLANT	HWY 1 1.3 MILES S OF WATSONVILLE	95076	ICIS
WATSONVILLE	S103845406	TRUCK SPILL	HWY 1 AT HWY 129	95076	SLIC
WATSONVILLE	1000375088	MOSS LANDING	1485 HWY 1, 3 MILES SOUTH OF WA	95076	ENVIROSTOR
WATSONVILLE	S106455285	WESTERN FARM SERVICES - GREEN GRO	EB 129 RAMPART ROAD	95076	SLIC
WATSONVILLE	94382161	EB 129 BETWEEN MURPHYS CROSSING AN	EB 129 BETWEEN MURPHYS CROSSIN	95076	ERNS
WATSONVILLE	S108200141	CAL TRANS	HWY 1 52	95076	HAZNET
WATSONVILLE	1003878916	PG&E GAS PLANT WATSONVILLE 408 8	N COR WALKER & FRONT STS	95076	CERC-NFRAP
WATSONVILLE	S104572638	MACEDONIO MADINA	CORNER OF N FREEDOM / LINCOL	95076	HAZNET
WATSONVILLE	1010562286	PG AND E FREEDOM SUBSTATION	24580 FREEDOM BLVD	95076	RCRA-SQG
WATSONVILLE	94367391	LABAMBA LANE	LABAMBA LANE	95076	ERNS
WATSONVILLE	1003878945	PG&E GAS PLANT WATSONVILLE 408 8A	MAIN NR 5TH STS	95076	CERC-NFRAP
WATSONVILLE	S100168313	BOYER FERTILIZER SERVICE, INC	619 RIVERSIDE ROAD (HIGHWAY 12	95076	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

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

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

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

DELISTED NPL: National Priority List Deletions

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 02/19/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 01/09/2008	Source: EPA
Date Data Arrived at EDR: 02/05/2008	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 04/18/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

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

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007	Source: EPA
Date Data Arrived at EDR: 12/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 64	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

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

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

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

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

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

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

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

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

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/18/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/18/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/22/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 10/31/2007
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 60

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/16/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

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

Date of Government Version: 02/14/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 22

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

US BROWNFIELDS: A Listing of Brownfields Sites

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

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

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/18/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

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

LUCIS: Land Use Control Information System

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

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

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

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/22/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

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

UMTRA: Uranium Mill Tailings Sites

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

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

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

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

MINES: Mines Master Index File

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

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

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

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Every 4 Years

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

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

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

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

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

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

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

SSTS: Section 7 Tracking Systems

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

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

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

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

RADINFO: Radiation Information Database

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

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

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/04/2008	Source: EPA
Date Data Arrived at EDR: 01/10/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 03/03/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 03/13/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/25/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCH: School Property Evaluation Program

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

Date of Government Version: 02/26/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 02/11/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 03/10/2008	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 03/12/2008	Telephone: 916-341-6320
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/03/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

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

LUST REG 9: Leaking Underground Storage Tank Report

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 04/09/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA FID UST: Facility Inventory Database

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

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

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

SLIC: Statewide SLIC Cases

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

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

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

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

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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

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

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

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/07/2008	Source: SWRCB
Date Data Arrived at EDR: 01/09/2008	Telephone: 916-480-1028
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 04/09/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

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

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

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

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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

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

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

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

CHMIRS: California Hazardous Material Incident Report System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005	Source: Office of Emergency Services
Date Data Arrived at EDR: 02/23/2007	Telephone: 916-845-8400
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 02/19/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 04/14/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 04/01/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/02/2008	Telephone: 916-323-3400
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 04/02/2008
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 02/26/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 07/31/2007	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 07/31/2007	Telephone: 916-327-4498
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 04/14/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/15/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Varies

RESPONSE: State Response Sites

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

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

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

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

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

ENVIROSTOR: EnviroStor Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/12/2008
Date Data Arrived at EDR: 02/14/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 29

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

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

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

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

Location of open dumps on Indian land.

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

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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

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

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

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

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

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

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

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

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

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

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

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

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land No description is available for this data

Date of Government Version: 02/25/2008	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3368
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land No description is available for this data

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-9424
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land No description is available for this data

Date of Government Version: 12/21/2007	Source: EPA Region 5
Date Data Arrived at EDR: 12/21/2007	Telephone: 312-886-6136
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 12/21/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land No description is available for this data

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

INDIAN UST R8: Underground Storage Tanks on Indian Land No description is available for this data

Date of Government Version: 02/20/2008	Source: EPA Region 8
Date Data Arrived at EDR: 03/04/2008	Telephone: 303-312-6137
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 10

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 03/07/2008
Date Data Arrived at EDR: 03/11/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 16

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 01/16/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/18/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/17/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 52

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/16/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

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

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

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/2007
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 23

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/12/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 35

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/14/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2008
Date Data Arrived at EDR: 03/20/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 25

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 05/30/2007
Date Data Arrived at EDR: 07/11/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 29

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/11/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 22

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

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

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/04/2008	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/21/2008	Telephone: 415-499-6647
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 01/15/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 04/21/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

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

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

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

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 07/23/2007	Telephone: 530-889-7312
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

List of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/06/2007	Source: Department of Public Health
Date Data Arrived at EDR: 08/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 04/14/2008
Number of Days to Update: 50	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

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

SACRAMENTO COUNTY:

Contaminated Sites

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

Date of Government Version: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Permits

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

Date of Government Version: 03/18/2008	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 03/19/2008	Telephone: 909-387-3041
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/03/2007
	Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 05/18/2005	Telephone: 619-338-2268
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 04/02/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

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

Environmental Case Listing

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

Date of Government Version: 11/28/2007	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 03/13/2008	Telephone: 619-338-2371
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 04/02/2008
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

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

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 02/01/2008	Source: Environmental Health Department
Date Data Arrived at EDR: 02/26/2008	Telephone: N/A
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 04/14/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 01/31/2008	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 02/01/2008	Telephone: 650-363-1921
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 01/09/2008	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 01/11/2008	Telephone: 650-363-1921
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 03/24/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 02/01/2008	Source: Department of Environmental Health
Date Data Arrived at EDR: 02/05/2008	Telephone: 408-918-3417
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/14/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/30/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 9

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/22/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 23

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007
Date Data Arrived at EDR: 05/04/2007
Date Made Active in Reports: 05/24/2007
Number of Days to Update: 20

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Inventory of Illegal Abandoned and Inactive Sites

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

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

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

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

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

Underground Tank Closed Sites List

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

Date of Government Version: 12/26/2007
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 30

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

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

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

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 02/15/2008
Date Data Arrived at EDR: 02/28/2008
Date Made Active in Reports: 04/09/2008
Number of Days to Update: 41

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

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

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

RI MANIFEST: Manifest information

Hazardous waste manifest information

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

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

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

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

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

Electric Power Transmission Line Data

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

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

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

AHA Hospitals:

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ATKINSON LANE SPECIFIC PLAN/MASTER PLAN
56, 78 AND 127 ATKINSON LANE
WATSONVILLE, CA 95076

TARGET PROPERTY COORDINATES

Latitude (North): 36.93228 - 36° 55' 56.2"
Longitude (West): 121.76204 - 121° 45' 43.3"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 610251.5
UTM Y (Meters): 4087872.8
Elevation: 101 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 36121-H7 WATSONVILLE WEST, CA
Most Recent Revision: 1998

East Map: 36121-H6 WATSONVILLE EAST, CA
Most Recent Revision: 1998

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

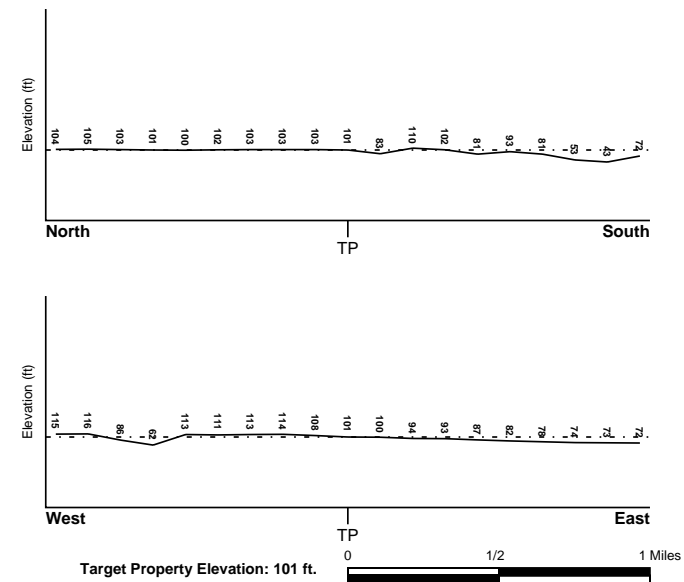
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<p>Target Property County SANTA CRUZ, CA</p>	<p>FEMA Flood Electronic Data YES - refer to the Overview Map and Detail Map</p>
--	--

Flood Plain Panel at Target Property: 0603530395B

Additional Panels in search area:

0603530385B
0603530405B
0603530415B
0603570002C
0603570004C

NATIONAL WETLAND INVENTORY

<p><u>NWI Quad at Target Property</u> WATSONVILLE WEST</p>	<p>NWI Electronic Data Coverage YES - refer to the Overview Map and Detail Map</p>
--	--

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

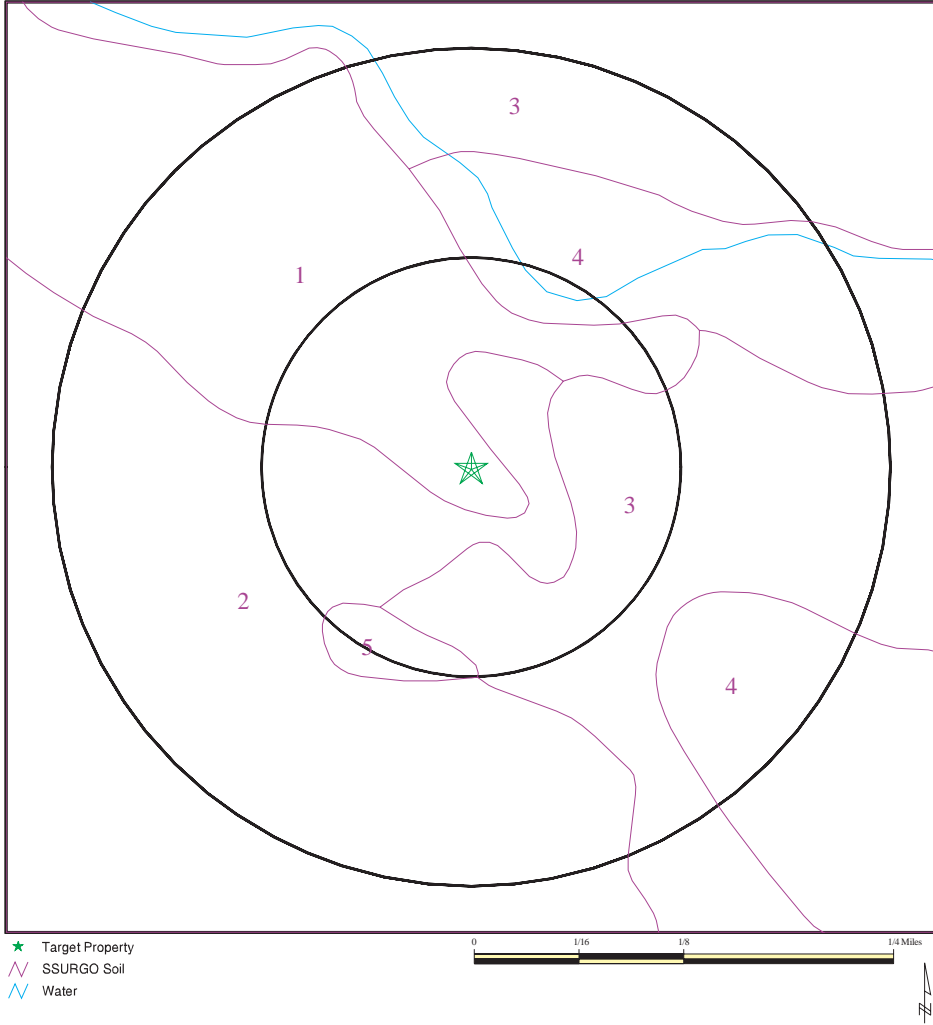
GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

*©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) investigation.

SSURGO SOIL MAP - 2201986.2s



SITE NAME: Atkinson Lane Specific Plan/Master Plan
 ADDRESS: 56, 78 and 127 Atkinson Lane
 Watsonville CA 95076
 LAT/LONG: 36.9323 / 121.7620

CLIENT: RBF Consulting
 CONTACT: Kristen Bogue
 INQUIRY #: 2201986.2s
 DATE: April 23, 2008 8:48 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: PINTO
 Soil Surface Texture: 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: Moderately well drained
 Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: High
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1
2	20 inches	51 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1
3	51 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: WATSONVILLE
 Soil Surface Texture: loam
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
 Soil Drainage Class: Somewhat poorly drained
 Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: High
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 114 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
3	38 inches	62 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

Soil Map ID: 3

Soil Component Name: ELDER
 Soil Surface Texture: sandy loam
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
 Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: Moderate
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	31 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6
2	31 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6

Soil Map ID: 4

Soil Component Name: BAYWOOD
 Soil Surface Texture: loamy sand
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
 Soil Drainage Class: Somewhat excessively drained
 Hydric Status: Not hydric
 Corrosion Potential - Uncoated Steel: Moderate
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
2	16 inches	61 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

Soil Map ID: 5

Soil Component Name: Water

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS3220369	0 - 1/8 Mile North
5	USGS3220401	1/2 - 1 Mile NE
6	USGS3220393	1/2 - 1 Mile NE
7	USGS3220391	1/2 - 1 Mile ENE
8	USGS3220377	1/2 - 1 Mile ENE
9	USGS3220371	1/2 - 1 Mile West
10	USGS3220208	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

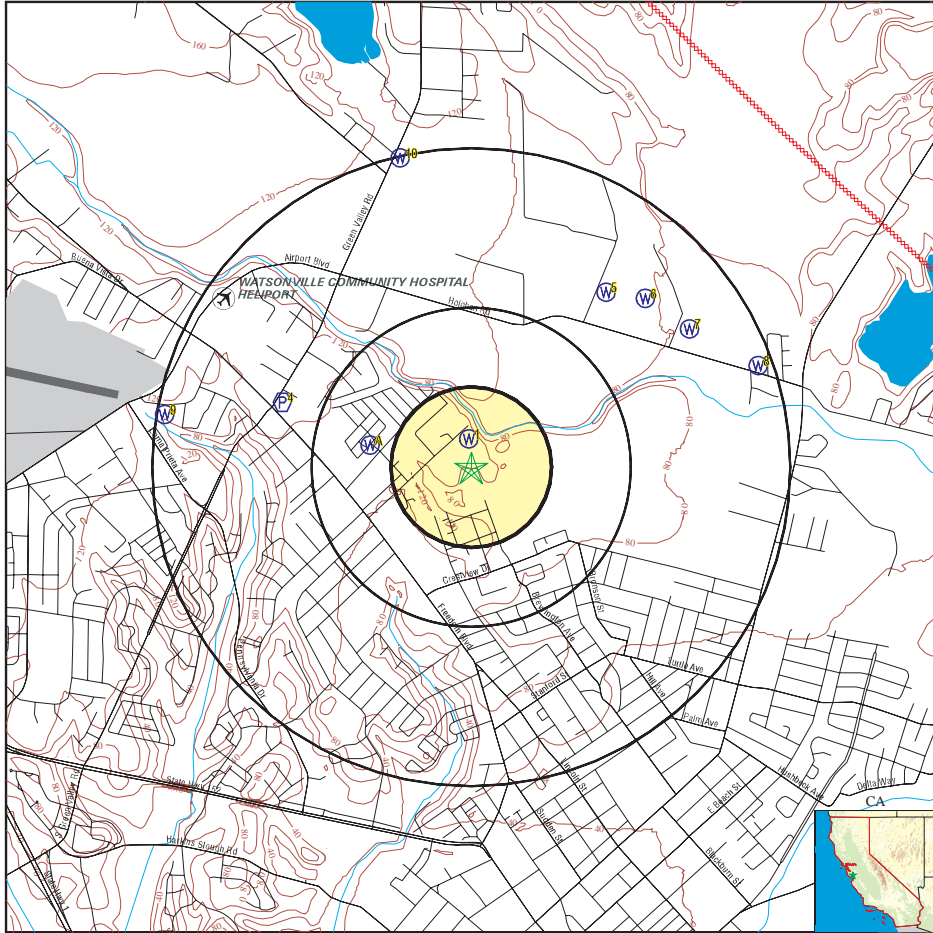
MAP ID	WELL ID	LOCATION FROM TP
4	CA2701820	1/2 - 1 Mile WNW

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

STATE DATABASE WELL INFORMATION

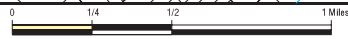
MAP ID	WELL ID	LOCATION FROM TP
A2	10579	1/4 - 1/2 Mile WNW
A3	10578	1/4 - 1/2 Mile WNW

PHYSICAL SETTING SOURCE MAP - 2201986.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Atkinson Lane Specific Plan/Master Plan
 ADDRESS: 56, 78 and 127 Atkinson Lane
 Watsonville CA 95076
 LAT/LONG: 36.9323 / 121.7620

CLIENT: RBF Consulting
 CONTACT: Kristen Bogue
 INQUIRY #: 2201986.2s
 DATE: April 23, 2008 8:48 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
North
0 - 1/8 Mile
Higher

FED USGS USGS3220369

Agency cd: USGS Site no: 365601121454001
 Site name: 011S002E33E001M
 Latitude: 365601 Dec lat: 36.93356367
 Longitude: 1214540 Dec lon: -121.76217273
 Dec meth: M
 Coor acr: S Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 06
 State: 06 County: 087
 Country: US Land net: SWNWS33 T11S R025 M
 Location map: WATSONVILLE WEST Map scale: 24000
 Altitude: 109.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 010
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Pajaro, California. Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19460101
 Date inventoried: Not Reported Mean greenwich time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: AROMAS RED SAND
 Well depth: 240 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 479200200
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 1971-08-05
 Water quality data end date: 1983-08-11
 Water quality data count: 10
 Ground water data begin date: 1970-01-07
 Ground water data end date: 1983-09-09
 Ground water data count: 24

Ground-water levels, Number of Measurements: 24

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-09-09	110.35		1983-03-08	94.78	
1982-09-08	105.33				
1982-08-13	116.23				
Note: The site was being pumped.					
1982-03-12	98.69		1981-08-19	109.38	
1981-04-24	99.82		1980-11-11	107.73	
1980-08-20	107.97		1979-11-20	107.22	
1979-08-16	118.2				
Note: The site was being pumped.					
1979-04-16	101.8		1978-11-22	108	
1978-08-10	116.4		1978-04-13	99.5	
1977-10-13	112.6		1977-04-20	104.1	
1975-04-23	0.00				
Note: The site was being pumped.					
1974-11-04	99.1		1972-11-27	104.4	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1971-12-07	100.30		1971-12	100.5	
1970-10-21	6		1970-01-07	94.2	

**A2
WNW
1/4 - 1/2 Mile
Higher**

CA WELLS 10579

Water System Information:

Prime Station Code:	11S/02E-32K03 M	User ID:	HEN
FRDS Number:	4410011005	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365600.0 1214600.0	Precision:	Undefined
Source Name:	WELL 05		
System Number:	4410011		
System Name:	City of Watsonville		
Organization That Operates System:	P.O. BOX 5000 WATSONVILLE, CA 95077		
Pop Served:	47000	Connections:	12018
Area Served:	WATSONVILLE VIC		
Sample Collected:	02/11/2002 00:00:00	Findings:	.86 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/11/2002 00:00:00	Findings:	37 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/25/2002 00:00:00	Findings:	1.9 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	04/22/2002 00:00:00	Findings:	.22 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/22/2002 00:00:00	Findings:	2 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	05/13/2002 00:00:00	Findings:	35 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/13/2002 00:00:00	Findings:	8000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/12/2002 00:00:00	Findings:	37 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/2002 00:00:00	Findings:	34 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/2002 00:00:00	Findings:	32 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/2002 00:00:00	Findings:	1.1 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/12/2002 00:00:00	Findings:	.75 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/19/2002 00:00:00	Findings:	14.5 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/19/2002 00:00:00	Findings:	640 US
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/19/2002 00:00:00	Findings:	7
Chemical:	PH, LABORATORY		
Sample Collected:	08/19/2002 00:00:00	Findings:	195 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	08/19/2002 00:00:00	Findings:	195 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/19/2002 00:00:00	Findings:	280 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	08/19/2002 00:00:00	Findings:	62 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/19/2002 00:00:00	Findings:	30 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/19/2002 00:00:00	Findings:	29 MG/L
Chemical:	SODIUM		
Sample Collected:	08/19/2002 00:00:00	Findings:	1.7 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/19/2002 00:00:00	Findings:	30 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/19/2002 00:00:00	Findings:	.19 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	08/19/2002 00:00:00	Findings:	420 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/19/2002 00:00:00	Findings:	38 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/19/2002 00:00:00	Findings:	.37 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	09/12/2002 00:00:00	Findings:	36 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/11/2002 00:00:00	Findings:	33 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/2002 00:00:00	Findings:	38 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/2002 00:00:00	Findings:	1.4 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/12/2002 00:00:00	Findings:	.85 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/19/2002 00:00:00	Findings:	45 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/2003 00:00:00	Findings:	35 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/10/2003 00:00:00	Findings:	59 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/2003 00:00:00	Findings:	59 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/12/2003 00:00:00	Findings:	55 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/12/2003 00:00:00	Findings:	56 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/09/2003 00:00:00	Findings:	47 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/11/2003 00:00:00	Findings:	45 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/04/2005 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/2005 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/2005 00:00:00	Findings:	33 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/11/2005 00:00:00	Findings:	32 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/06/2005 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/10/2005 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/05/2005 00:00:00	Findings:	32 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/23/2006 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/13/2006 00:00:00	Findings:	29 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/08/2006 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/10/2006 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/15/2006 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/28/2006 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/2006 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/2006 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/2006 00:00:00	Findings:	18 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/2006 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/2006 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/2006 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/2006 00:00:00	Findings:	31 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/19/2006 00:00:00	Findings:	.411 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	09/19/2006 00:00:00	Findings:	.339 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	09/19/2006 00:00:00	Findings:	3 UNITS
Chemical:	COLOR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/19/2006 00:00:00	Findings:	630 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/19/2006 00:00:00	Findings:	7.3
Chemical:	PH, LABORATORY		
Sample Collected:	09/19/2006 00:00:00	Findings:	175 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	09/19/2006 00:00:00	Findings:	175 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/19/2006 00:00:00	Findings:	290 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	09/19/2006 00:00:00	Findings:	68 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/19/2006 00:00:00	Findings:	29 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/19/2006 00:00:00	Findings:	29 MG/L
Chemical:	SODIUM		
Sample Collected:	09/19/2006 00:00:00	Findings:	1.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/19/2006 00:00:00	Findings:	25 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/19/2006 00:00:00	Findings:	.19 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	09/19/2006 00:00:00	Findings:	410 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/19/2006 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/19/2006 00:00:00	Findings:	.41 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	09/19/2006 00:00:00	Findings:	8.1
Chemical:	PH, LABORATORY		
Sample Collected:	09/19/2006 00:00:00	Findings:	165 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	09/19/2006 00:00:00	Findings:	200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/19/2006 00:00:00	Findings:	65 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/19/2006 00:00:00	Findings:	.22 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	09/19/2006 00:00:00	Findings:	1.9 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/19/2006 00:00:00	Findings:	.8
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	09/19/2006 00:00:00	Findings:	13
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/17/2006 00:00:00	Findings:	29 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/13/2006 00:00:00	Findings:	29 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/2006 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/12/2007 00:00:00	Findings:	31.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/2007 00:00:00	Findings:	30.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/09/2007 00:00:00	Findings:	28.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/2007 00:00:00	Findings:	39.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/2007 00:00:00	Findings:	30.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/2007 00:00:00	Findings:	33.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/13/2007 00:00:00	Findings:	30 MG/L
Chemical:	NITRATE (AS NO3)		

**A3
WNW
1/4 - 1/2 Mile
Higher**

CA WELLS 10578

Water System Information:

Prime Station Code:	11S/02E-32K02 M	User ID:	HEN
FRDS Number:	4410011004	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365600.0 1214600.0	Precision:	Undefined
Source Name:	WELL 01		
System Number:	4410011		
System Name:	City of Watsonville		
Organization That Operates System:	P.O. BOX 5000 WATSONVILLE, CA 95077		
Pop Served:	47000	Connections:	12018
Area Served:	WATSONVILLE VIC		
Sample Collected:	06/30/2003 00:00:00	Findings:	2.2 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	06/30/2003 00:00:00	Findings:	15.2 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/30/2003 00:00:00	Findings:	560 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/30/2003 00:00:00	Findings:	7
Chemical:	PH, LABORATORY		
Sample Collected:	06/30/2003 00:00:00	Findings:	205 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	06/30/2003 00:00:00	Findings:	205 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/30/2003 00:00:00	Findings:	230 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	06/30/2003 00:00:00	Findings:	52 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/30/2003 00:00:00	Findings:	25 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/30/2003 00:00:00	Findings:	27 MG/L
Chemical:	SODIUM		
Sample Collected:	06/30/2003 00:00:00	Findings:	1.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/30/2003 00:00:00	Findings:	27 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/30/2003 00:00:00	Findings:	.31 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	06/30/2003 00:00:00	Findings:	380 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/30/2003 00:00:00	Findings:	12 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/2003 00:00:00	Findings:	.5 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	06/30/2003 00:00:00	Findings:	2750 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/30/2003 00:00:00	Findings:	.72 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/30/2003 00:00:00	Findings:	2.5 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	12/08/2003 00:00:00	Findings:	3.8 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/08/2003 00:00:00	Findings:	2 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/08/2004 00:00:00	Findings:	-.48 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	08/16/2004 00:00:00	Findings:	19 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/2005 00:00:00	Findings:	630 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/16/2005 00:00:00	Findings:	7.1
Chemical:	PH, LABORATORY		
Sample Collected:	05/16/2005 00:00:00	Findings:	200 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	05/16/2005 00:00:00	Findings:	200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/16/2005 00:00:00	Findings:	280 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	05/16/2005 00:00:00	Findings:	62 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	30 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	26 MG/L
Chemical:	SODIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	1.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	36 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/16/2005 00:00:00	Findings:	.28 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/16/2005 00:00:00	Findings:	410 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/16/2005 00:00:00	Findings:	22 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/2005 00:00:00	Findings:	.37 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	05/16/2005 00:00:00	Findings:	5000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/16/2005 00:00:00	Findings:	.24 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	08/15/2005 00:00:00	Findings:	20 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/2006 00:00:00	Findings:	23 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/13/2006 00:00:00	Findings:	21 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/12/2007 00:00:00	Findings:	25.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/2007 00:00:00	Findings:	25.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/2007 00:00:00	Findings:	19.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/2007 00:00:00	Findings:	22.2 MG/L
Chemical:	NITRATE (AS NO3)		

4
WNW
1/2 - 1 Mile
Higher
FRDS PWS CA2701820

PWS ID: CA2701820 PWS Status: Not Reported
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: CORDA ROAD WATER SYSTEM #1
 FREEDOM, CA 95019

Addressee / Facility: System Owner/Responsible Party
 CORDA ROAD WATER SYSTEM #1
 P O BOX 6
 FREEDOM, CA 95019

Facility Latitude: 36 56 07 Facility Longitude: 121 46 18
 City Served: Not Reported
 Treatment Class: Untreated Population: 84

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	09/30/2007	Pwsid:	CA2701820
Pwsname:	CORDA RD WS		
Retpopsrvd:	60	Pwstypecod:	C
Vioid:	95V0001	Contaminant:	LEAD & COPPER RULE
Viol. Type:	Initial Tap Sampling for Pb and Cu		
Complperbe:	7/1/1993 0:00:00		
Complperen:	4/4/2000 0:00:00	Enfdate:	4/4/2000 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	06/30/2007	Pwsid:	CA2701820
Pwsname:	CORDA RD WS		
Retpopsrvd:	60	Pwstypecod:	C
Vioid:	95V0001	Contaminant:	LEAD & COPPER RULE
Viol. Type:	Initial Tap Sampling for Pb and Cu		
Complperbe:	7/1/1993 0:00:00		
Complperen:	4/4/2000 0:00:00	Enfdate:	4/4/2000 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0		

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2000-04-04
 Violation ID: 95V0001
 Enforcement Date: 2000-04-04
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2000-04-04
 Violation ID: 95V0001
 Enforcement Date: 2000-04-04
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 7/1/1993 0:00:00 - 4/4/2000 0:00:00
 Violation ID: 95V0001
 Enforcement Date: 4/4/2000 0:00:00
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2015-12-31
 Violation ID: 95V0001
 Enforcement Date: Not Reported
 Enf. Action: Not Reported

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 07/01/93 - 04/04/00
 Violation ID: 95V0001
 Enforcement Date: 04/04/00
 Enf. Action: State Compliance Achieved

CONTACT INFORMATION:

Name: CORDA RD WS Population: 60
 Contact: CORDA ROAD WATER SYS Phone: Not Reported
 Address: 580 SAN JUAN GRADE RD
 SALINAS, CA 93906

5
NE
1/2 - 1 Mile
Lower
FED USGS USGS3220401

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd: USGS Site no: 365625121451201
 Site name: 011S002E33C001M
 Latitude: 365625 Dec lat: 36.94023019
 Longitude: 1214512 Coord meth: M
 Dec lon: -121.75439463 Latlong datum: NAD27
 Coord meth: S District: 06
 Dec latlong datum: NAD83 County: 087
 State: 06 Land net: NENWS33 T11S R02E M
 Country: US Map scale: 24000
 Location map: WATSONVILLE WEST
 Altitude: 87.50
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 005
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Pajaro, California. Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19340101
 Date inventoried: Not Reported Mean greenwih time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 125 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 479200200
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 1979-08-15
 Water quality data end date: 1981-08-14
 Water quality data count: 2
 Ground water data begin date: 1970-01-06
 Ground water data end date: 1983-03-15
 Ground water data count: 23

Ground-water levels, Number of Measurements: 23

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-03-15	71.44		1982-08-12	88.91	
1982-03-12	76.47				
1981-08-19	90.81				
Note: The site had been pumped recently.					
1981-04-22	78.42		1980-11-11	83.99	
1980-08-11	92.37		1980-04-18	79.65	
1979-11-19	85.13		1979-08-24	93.89	
1979-04-18	82.3		1978-11-22	85	
1978-08-08	97.4		1978-04-13	77.1	
1977-10-14	89.1		1977-04-20	84.5	
1975-04-23	71.5		1974-11-05	84.4	
1972-11-20	80		1971-12	78	
1970-12-02	72		1970-12-01	77.50	
1970-01-06	71.9				

6
NE
1/2 - 1 Mile
Lower

FED USGS USGS3220393

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd: USGS Site no: 365624121450401
 Site name: 011S002E28Q001M
 Latitude: 365624 Dec lat: 36.93995243
 Longitude: 1214504 Coord meth: M
 Dec lon: -121.75217231 Latlong datum: NAD27
 Coord meth: S District: 06
 Dec latlong datum: NAD83 County: 087
 State: 06 Land net: SWSES28 T11S R02E M
 Country: US Map scale: 24000
 Location map: WATSONVILLE WEST
 Altitude: 82.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 010
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Pajaro, California. Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19200101
 Date inventoried: Not Reported Mean greenwih time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 479200200
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00
 Water quality data count: 0
 Ground water data begin date: 1970-01-07
 Ground water data end date: 1981-03-18
 Ground water data count: 17

Ground-water levels, Number of Measurements: 17

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-03-18	65.12		1980-11-11	72.71	
1980-08-13	75.85		1980-04-18	51.51	
1979-11-19	72.99		1979-08-15	76.83	
1979-04-18	67.8		1978-11-22	73.1	
1978-08-08	88.4		1978-04-13	58.5	
1975-04-18	56.5		1974-11-05	64	
1972-12-03	0.00				
Note: Other conditions existed that would affect the measured water level.					
1971-12-01	66.00		1971-12	66	
1970-12-02	63.3		1970-01-07	62	

7
ENE
1/2 - 1 Mile
Lower

FED USGS USGS3220391

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd: USGS Site no: 365619121445501
 Site name: 011S002E33A004M
 Latitude: 365619 Dec lat: 36.93856358
 Longitude: 1214455 Coord meth: M
 Dec lon: -121.74967219 Latlong datum: NAD27
 Coord meth: S District: 06
 Dec latlong datum: NAD83 County: 06
 State: US Country: NENES33 T11S R025 M
 Location map: WATSONVILLE EAST Map scale: 24000
 Altitude: 79.40
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 010
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Pajaro, California. Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19680511
 Date inventoried: Not Reported Mean greenwch time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 170 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 479200200
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 1978-11-22
 Peak flow data count: 0
 Water quality data begin date: 1978-11-22
 Water quality data end date: 1981-08-14
 Water quality data count: 8
 Ground water data begin date: 1971-01-07
 Ground water data end date: 1982-03-12
 Ground water data count: 41

Ground-water levels, Number of Measurements: 41

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-03-12	64.70		1981-08-14	81.2	
1981-03-18	66.2		1981-02-19	67.2	
1981-01-15	67.52				
1980-11-18	72.4				
Note: The site had been pumped recently.					
1980-10-15	75.6				
Note: The site had been pumped recently.					
1980-09-23	77.75				
1980-08-13	81.98				
Note: The site had been pumped recently.					
1980-07-15	76.83				
1980-06-18	71.68				
Note: The site had been pumped recently.					
1980-05-19	67.53		1980-04-18	67.91	
1980-03-18	66.92		1980-02-15	67.61	
1980-01-19	69.46		1979-12-18	72.87	
1979-11-19	74.32		1979-10-18	79.27	
1979-09-18	79.38		1979-08-15	80.89	
1979-07-16	77.2		1979-06-19	79	
1979-05-23	72.7		1979-04-18	71.9	
1979-03-14	71.9		1979-02-13	69.4	
1979-01-11	71.3		1978-12-13	73.7	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.
 Date Feet below Surface Feet to Sealevel Date Feet below Surface Feet to Sealevel

 1978-11-22 74.1 1978-10-10 77.5
 1978-09-15 77.5
 Note: The site had been pumped recently.
 1978-08-08 100.8 1978-04-17 66
 1977-10-12 77.2 1977-08-17 98
 1977-04-19 73.5
 1975-04-17 0.00
 Note: The site was being pumped.
 1974-11-05 74.8 1972-11-20 71.6
 1971-01-07 0.00
 Note: Other conditions existed that would affect the measured water level.

8 ENE FED USGS USGS3220377
1/2 - 1 Mile Lower

Agency cd: USGS Site no: 365613121444101
 Site name: 011S002E34D002M
 Latitude: 365613 Dec lat: 36.93689693
 Longitude: 1214441 Coord meth: M
 Dec lon: -121.74578313 Latlong datum: NAD27
 Coord meth: S District: 06
 Dec latlong datum: NAD83 County: 06
 State: US Country: NWNWS34 T11S R02E M
 Location map: WATSONVILLE EAST Map scale: 24000
 Altitude: 71.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 001
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Pajaro, California. Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19430101
 Date inventoried: Not Reported Mean greenwch time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: ALLUVIUM OF THE COAST RANGE, YOUNGER (PLEISTOCENE-HOLOCENE)
 Well depth: 177 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 479200200
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 1979-11-19
 Peak flow data count: 0
 Water quality data begin date: 1979-11-19
 Water quality data end date: 1983-08-15
 Water quality data count: 5
 Ground water data begin date: 1970-01-06
 Ground water data end date: 1983-08-15
 Ground water data count: 24

Ground-water levels, Number of Measurements: 24

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-08-15	60.39		1983-03-15	57.01	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-08-12	73.19		1982-03-12	62.92	
1981-08-14	76.87		1981-04-22	63.57	
1980-11-11	70.71		1980-08-13	77.00	
1980-04-23	65.66		1979-11-19	71.89	
1979-08-15	76.29		1979-04-18	67.3	
1978-11-22	71.3		1978-08-08	79.3	
1978-04-13	64		1977-10-12	75.1	
1977-04-20	69.4		1975-04-23	58	
1974-11-07	72.3		1972-11-20	68	
1971-12-01	63.30		1971-12	64	
1970-12-02	59.4		1970-01-06	57.1	

9
West
1/2 - 1 Mile
Higher
FED USGS USGS3220371

Agency cd: USGS Site no: 365605121464201
 Site name: 011S002E32L001M
 Latitude: 365605
 Longitude: 1214642
 Dec lon: -121.77939575
 Coord meth: M
 Dec lat: 36.93467467
 Coord meth: M
 Latlong datum: NAD27
 District: 06
 State: 06
 Country: US
 Land net: NESWS32 T11S R02E M
 Location map: WATSONVILLE WEST
 Map scale: 24000
 Altitude: 105.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 010
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Pajaro, California. Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: Not Reported Mean greenwch time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 479200200
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00
 Water quality data count: 0
 Ground water data begin date: 1970-01-06
 Ground water data end date: 1983-08-16
 Ground water data count: 23

Ground-water levels, Number of Measurements: 23

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-08-16	8.63		1983-03-08	5.01	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-08-13	9.68		1982-03-11	8.14	
1981-08-13	10.50		1981-04-21	9.47	
1980-11-11	10.54		1980-08-11	10.19	
1980-04-14	8.79		1979-11-19	10.59	
1979-08-16	10.56		1979-04-16	9.8	
1978-11-20	10.8		1978-08-10	10.5	
1978-04-13	6.5		1977-04-19	11.1	
1975-04-23	8.5		1974-11-04	9.7	
1972-12-06	10.4		1971-12-02	9.80	
1971-12	10.8		1970-12-02	13	
1970-01-06	10.2				

10
NNW
1/2 - 1 Mile
Higher
FED USGS USGS3220208

Agency cd: USGS Site no: 365647121455401
 Site name: 011S002E29J001M
 Latitude: 365647
 Longitude: 1214554
 Dec lon: -121.76606186
 Coord meth: M
 Dec lat: 36.94634109
 Coord meth: M
 Latlong datum: NAD27
 District: 06
 State: 06
 Country: US
 Land net: NESES29 T11S R02E M
 Location map: WATSONVILLE WEST
 Map scale: 24000
 Altitude: 110.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 020
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Pajaro, California. Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: Not Reported Mean greenwch time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 479200200
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 1980-11-11
 Water quality data end date: 1980-11-11
 Water quality data count: 7
 Ground water data begin date: 1970-01-13
 Ground water data end date: 1980-11-11
 Ground water data count: 17

Ground-water levels, Number of Measurements: 17

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-11-11	132.28				
1980-08-13	131.18				

Note: The site had been pumped recently.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-04-17	115.79		1979-11-20	129.38	
1979-08-16	119.60		1979-04-16	108.8	
1978-11-21	112.2		1978-08-08	117.5	
1978-04-13	105.7		1977-10-13	119.1	
1977-04-19	113.8				
1975-04-22	0.00				

Note: Other conditions existed that would affect the measured water level.

1974-11-05	103.8		1972-11-27	108.6	
1971-12-01	104.60				
1970-12-02	0.00				

Note: Other conditions existed that would affect the measured water level.

1970-01-13	101.4				
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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
95076	7	0	0.00

Federal EPA Radon Zone for SANTA CRUZ 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 SANTA CRUZ COUNTY, CA

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1,100 pCi/L	89%	11%	0%
Living Area - 2nd Floor	1,900 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

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

HYDROLOGIC INFORMATION

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

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
 Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
 Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
WATSONVILLE	100861017	MOSS LANDING	HWY 1 S/WATSONVILLE	95076	CERC-NFRAP
WATSONVILLE	1010289713	MOSS LANDING POWER PLANT	HWY 1 3 MILES S OF WATSONVILLE	95076	ICIS
WATSONVILLE	S103845406	TRUCK SPILL	HWY 1 AT HWY 129	95076	SLIC
WATSONVILLE	1000376088	MOSS LANDING	HIGHWAY 1, 3 MILES SOUTH OF WATSONVILLE	95076	ENVIROSTOR
WATSONVILLE	S106453285	WESTERN FARM SERVICES - GREEN GRO FACILITY	1485 HWY 1, RAMPFORD ROAD	95076	SLIC
WATSONVILLE	94382161	EB 129 BETWEEN MURPHYS CROSSING AND ROGGE LANE	EB 129 BETWEEN MURPHYS CROSSING AND ROGGE LANE	95076	ERNS
WATSONVILLE	S108200141	CAL TRANS	HWY 1 52	95076	HAZNET
WATSONVILLE	1003878916	PG&E GAS PLANT WATSONVILLE 408 8	N COR WALKER & FRONT STS	95076	CERC-NFRAP
WATSONVILLE	S104572638	MACEDONIO MADINA	CORNER OF N FREEDOM / LINCOLN AVE	95076	HAZNET
WATSONVILLE	1010562286	PG AND E FREEDOM SUBSTATION	24580 FREEDOM BLVD	95076	RCRA-SQG
WATSONVILLE	94367391	LABAMBA LANE	LABAMBA LANE	95076	ERNS
WATSONVILLE	1003878945	PG&E GAS PLANT WATSONVILLE 408 8A	MAIN NR 5TH STS	95076	CERC-NFRAP
WATSONVILLE	S100156313	BOYER FERTILIZER SERVICE INC	619 RIVERSIDE ROAD (HIGHWAY 129)	95076	ENVIROSTOR

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
MOSS LANDING HWY 1 S/ WATSONVILLE WATSONVILLE, CA 95076	CERC-NFRAP	1002851017 CAD980637359
MOSS LANDING POWER PLANT HWY 1 3 MILES S OF WATSONVILLE WATSONVILLE, CA 95076	ICIS	1010259713 N/A
<p>ICIS:</p> <p>Enforcement Action ID: 09-1993-0033 FRS ID: 110010647620 Program ID: FRS 110010647620 Action Name: BARSOTTI'S, INC. Facility Name: MOSS LANDING POWER PLANT Facility Address: HWY 1 3 MILES S OF WATSONVILLE WATSONVILLE, California 95076 Enforcement Action Type: Civil Judicial Action Facility County: SANTA CRUZ EPA Region #: 9</p> <p>Program ID: FRS 110010647620 Facility Name: MOSS LANDING POWER PLANT Address: HWY 1 3 MILES S OF WATSONVILLE WATSONVILLE CA 95076 Tribal Indicator: No Fed Facility: Not reported NAIC Code: Not reported SIC Code: Not reported</p>		
TRUCK SPILL HWY 1 AT HWY 129 WATSONVILLE, CA 95076	SLIC	S103843406 N/A
<p>SLIC:</p> <p>Region: STATE Global Id: SLT3S1661328 Assigned Name: SLICSITE Lead Agency Contact: KARYN STECKLING Lead Agency: CENTRAL COAST RWQCB (REGION 3) Lead Agency Case Number: S238 Responsible Party: JACK MCCROSSIN Recent Dtw: Not reported Substance Released: 34030, 34371, 34010, 81551, MTBE, PET, TPHG Facility Status: Pollution Characterization</p> <p>SLIC:</p> <p>Region: 3 Leak Site Cross Street: Not reported RB Case In: S238 Entered Into Database: Not reported Discovered: RPR RB Case In: CITGO Petroleum Corporation Responsible Party: JACK MCCROSSIN RP Contact: Not reported RP Phone: Not reported RP Number: Not reported RP Address: P.O. BOX 655 RP City,St,Zip: PENNSAUKEN, NJ 8110</p>		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
TRUCK SPILL (Continued)		S103843406
<p>Date First Reported: Not reported Lead Agency: Regional Board Program Type: SLIC Facility Status: Remedial action (cleanup) Underway Case Type: Other ground water affected Case Type Undetermined: No Case Type Soil Impacted: No Case Type Surface Water: No Case Type Drinkin Water Well: No Case Type Drinking Water Aqfr: No Case Type Other Grnd Wtr: Yes PCA: 2030031</p>		
MOSS LANDING HIGHWAY 1, 3 MILES SOUTH OF WATSONVILLE WATSONVILLE, CA 95076	ENVIROSTOR	1000375088 N/A
<p>ENVIROSTOR:</p> <p>Site Type: Historical Site Type Detailed: * Historical Acres: Not reported NPL: NO Regulatory Agencies: NONE SPECIFIED Lead Agency: NONE SPECIFIED Program Manager: Not reported Supervisor: Referred - Not Assigned Division Branch: North Coast Facility ID: 44490010 Site Code: Not reported Assembly: Not reported Senate: Not reported Special Program: Not reported Status: Refer: RWQCB Status Date: 1991-05-09 00:00:00 Restricted Use: NO Funding: Not reported Latitude: 0 Longitude: 0 Alias Name: 44490010 CAD980637359 Alias Type: EPA Identification Number Envirostor ID Number APN: NONE SPECIFIED APN Description: Not reported Comments: Site Screening Done: EPA completed Preliminary Assessment & recommends Screening Site Inspection; EPA is lead agency.Facility identified from EPA Cercla Notification Form 8900-1Site Screening Done: Site is listed on EPA's Cerclis.</p> <p>Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Site Screening Completed Date: 06/27/89 Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Site Screening Completed Date: 09/24/87 Completed Area Name: PROJECT WIDE</p>		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
MOSS LANDING (Continued)		1000375088
Completed Sub Area Name:	Not reported	
Completed Document Type:	Discovery	
Completed Date:	09/01/81	
Confirmed:	NONE SPECIFIED	
Confirmed Description:	Not reported	
Future Area Name:	Not reported	
Future Sub Area Name:	Not reported	
Future Document Type:	Not reported	
Future Due Date:	Not reported	
Media Affected:	NONE SPECIFIED	
Media Affected Desc:	Not reported	
Management Required:	NONE SPECIFIED	
Management Required Desc:	Not reported	
Potential:	10060, 10199	
Potential Description:	* OIL/WATER SEPARATION SLUDGE	
Potential Description:	* WASTE OIL & MIXED OIL	
Schedule Area Name:	Not reported	
Schedule Sub Area Name:	Not reported	
Schedule Document Type:	Not reported	
Schedule Due Date:	Not reported	
Schedule Revised Date:	Not reported	
PastUse:	NONE SPECIFIED	

WESTERN FARM SERVICES - GREEN GRO FACILITY
1485 HWY 1, RAMPART ROAD
WATSONVILLE, CA 95076

SLIC S106455285
N/A

SLIC:
 Region: STATE
 Global Id: SL203221260
 Assigned Name: SLICSITE
 Lead Agency Contact: STAFF ENGINEERING GEOLOGIST
 Lead Agency: CENTRAL COAST RWQCB (REGION 3)
 Lead Agency Case Number: S23787
 Responsible Party: ROGER SHAKELY
 Recent Dtw: Not reported
 Substance Released: SUB006, SUB017, SUB017
Facility Status: Verification Monitoring Underway

SLIC:
 Region: 3
 Leak Site Cross Street: Not reported
 RB Case In: S23787
 Entered Into Database: 1997-02-01 00:00:00
 Discovered: Not reported
 RB Case In: SHELL OIL COMPANY
 Responsible Party: ROGER SHAKELY
 RP Contact: Not reported
 RP Phone: Not reported
 RP Number: Not reported
 RP Address: P.O. BOX 538
 RP City,St,Zip: COMMERCE CITY, CO 80037
 Date First Reported: Not reported
 Lead Agency: Regional Board
 Program Type: SLIC
 Facility Status: Post remedial action monitoring
 Case Type: Other ground water affected

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
WESTERN FARM SERVICES - GREEN GRO FACILITY (Continued)		S106455285
Case Type Undetermined:	No	
Case Type Soil Impacted:	No	
Case Type Surface Water:	No	
Case Type Drinkin Water Well:	No	
Case Type Drinking Water Aqfr:	No	
Case Type Other Grnd Wtr:	Yes	
PCA:	2032200	

EB 129 BETWEEN MURPHYS CROSSING AND ROGGE LANE
EB 129 BETWEEN MURPHYS CROSSING AND ROGGE LANE
WATSONVILLE, CA 95076

ERNS 94362161
N/A

ERNS:
 Site ID: 94362161
 Site location: EB 129 BETWEEN MURPHYS CROSSING AND ROGGE LANE
 WATSONVILLE, CA 95076-
 County: SANTA CRUZ
 Report number: Not reported
 EPA region: 09
 Spill date: 02/09/1994
 Spill time: 13:21
 Medium affected: Land, Water
 Damage: False
 Damage \$ amount: 0.00
 Number of injured: 0
 Number of fatalities: 0
 Notes: Not reported
 Discharger: UNKNOWN
 Discharger address: Not reported
 Discharger county: Not reported
 C.G. Unit: Not reported
 EPA notified: True
 Initial report: True
 Updated report: True
 Spill cause: Other
 Spilled material: DIESEL
 Spill total qty: 15.00 GAL
 In water: 0.00 UNK
 DOT #: UN1270
 CAS: 6833430
 Quantity (lbs): 105.00
 Description: OVERTURNED TRUCK
 Action: CLEANUP BY CALTRANS
 Comments: Not reported

CAL TRANS
HWY 152
WATSONVILLE, CA 95076

HAZNET S108200141
N/A

HAZNET:
 Gepaid: CAC002598265
 Contact: BERRY DUNLAP
 Telephone: 8314274706
 Facility Addr2: Not reported
 Mailing Name: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CAL TRANS (Continued)		S108200141
Mailing Address: 140 DUBOIS ST STE E Mailing City, St, Zip: SANTA CRUZ, CA 95060 Gen County: Santa Cruz TSD EPA ID: CAT080033681 TSD County: Los Angeles Waste Category: Other organic solids Disposal Method: Disposal, Land Fill Tons: 1.2 Facility County: Not reported		
PG&E GAS PLANT WATSONVILLE 408 8 N COR WLKER & FRONT STS WATSONVILLE, CA 95076	CERC-NFRAP	1003878916 CAD981415680
MACEDONIO MADINA CORNER OF N FREEDOM / LINCOLN AVE WATSONVILLE, CA 95076	HAZNET	S104572638 N/A
HAZNET: Gepaid: CAC002221793 Contact: MACEDONIO MADINA Telephone: 8316272595 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 72 SANTA CLARA Mailing City, St, Zip: WATSONVILLE, CA 950760000 Gen County: Santa Cruz TSD EPA ID: CAD009466392 TSD County: 7 Waste Category: Other empty containers 30 gallons or more Disposal Method: Recycler Tons: 8 Facility County: Santa Cruz		
PG AND E FREEDOM SUBSTATION 24580 FREEDOM BLVD WATSONVILLE, CA 95076	RCRA-SQG	1010562266 CAR000188912
RCRA-SQG: Date form received by agency: 12/05/2007 Facility name: PG AND E FREEDOM SUBSTATION Facility address: 24580 FREEDOM BLVD WATSONVILLE, CA 95076 EPA ID: CAR000188912 Mailing address: PO BOX 7640 PG AND E SAN FRANCISCO, CA 94105 Contact: ROBERT G FREITAS Contact address: PO BOX 7640 PG AND E SAN FRANCISCO, CA 94105 Contact country: US Contact telephone: 831-479-3136 Contact email: RGFG@PGE.COM EPA Region: 09 Classification: Large Quantity Generator		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
PG AND E FREEDOM SUBSTATION (Continued)		1010562266
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time	
Owner/Operator Summary:	Owner/operator name: PG AND E DANIEL SANCHEZ AND DON GILBERT Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1951 Owner/Op end date: Not reported	
Owner/operator name:	PG AND E	
Owner/operator address:	77 BEALE ST SAN FRANCISCO, CA 94105	
Owner/operator country:	US	
Owner/operator telephone:	Not reported	
Legal status:	Private	
Owner/Operator Type:	Owner	
Owner/Op start date:	01/01/1951	
Owner/Op end date:	Not reported	
Handler Activities Summary:	U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No Off-site waste receiver: Commercial status unknown	
Hazardous Waste Summary:	Waste code: D004 Waste name: ARSENIC	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
PG AND E FREEDOM SUBSTATION (Continued)		
Violation Status:	No violations found	1010562266

LABAMBA LANE	ERNS	94367391
LABAMBA LANE		N/A
WATSONVILLE, CA 95076		

ERNS:

Site ID: 94367391
 Site location: LABAMBA LANE
 WATSONVILLE, CA 95076-

County: SANTA CRUZ
 Report number: Not reported
 EPA region: 09
 Spill date: 03/27/1994
 Spill time: 12:30
 Medium affected: Land
 Damage: False
 Damage \$ amount: 0.00
 Number of injured: 0
 Number of fatalities: 0
 Notes: COLLEGE LAKE
 Discharger: UNKNOWN
 Discharger address: Not reported
 Not reported
 Discharger county: Not reported
 C.G. Unit: Not reported
 EPA notified: True
 Initial report: True
 Updated report: True
 Spill cause: Not reported
 Spilled material: WASTE OIL
 Spill total qty: 50.00 GAL
 In water: 0.00 UNK
 DOT #: Not reported
 CAS: Not reported
 Quantity (lbs): 417.00
 Description: Not reported
 Action: NO CLEANUP YET, DFG ON SCENE
 Comments: Not reported

PG&E GAS PLANT WATSONVILLE 408 8A	CERC-NFRAP	1003878945
MAIN NR 5TH STS		CAD981416167
WATSONVILLE, CA 95076		

BOYER FERTILIZER SERVICE, INC	ENVIROSTOR	S100186313
619 RIVERSIDE ROAD (HIGHWAY 129)		N/A
WATSONVILLE, CA 95076		

ENVIROSTOR:

Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
BOYER FERTILIZER SERVICE, INC (Continued)		
		S100186313

Supervisor: Referred - Not Assigned
 Division Branch: North Coast
 Facility ID: 44070015
 Site Code: Not reported
 Assembly: 28
 Senate: 15
 Special Program: * Rural County Survey Program
 Status: Refer: Other Agency
 Status Date: 1994-07-29 00:00:00
 Restricted Use: NO
 Funding: Not reported
 Latitude: 36.9236111111111
 Longitude: -121.703055555556
 Alias Name: 44070015
 Alias Type: Envirostor ID Number
 APN: NONE SPECIFIED
 APN Description: Not reported
 Comments: "FACILITY IDENTIFIED DEPARTMENT OF FISH AND GAME, REGION 3 WDR# 86-23. SITE IS APPROXIMATELY 3+ MILES NORTHEAST OF WATSONVILLE. T12S R02E, SEC 2 MD B&M. POSSIBLE ONSITE DISPOSAL OF RINSEWATER."

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Discovery
 Completed Date: 08/18/89
 Confirmed: NONE SPECIFIED
 Confirmed Description: Not reported
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: NONE SPECIFIED
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: NONE SPECIFIED
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: NONE SPECIFIED

EDR Site Report™

1455 FREEDOM BLVD.
1455 FREEDOM BLVD.
WATSONVILLE, CA 95076

Inquiry Number:

May 1, 2008



The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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

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Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.	
Section 2: Facility Detail Reports	Page 4
All available detailed information from databases where sites are identified.	
Section 3: Databases Searched and Update Information.	Page 5
Name, source, update dates, contact phone number and description of each of the databases searched for this report.	

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

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SECTION 1: FACILITY SUMMARY

AREA	FACILITY	FACILITY 1 1455 FREEDOM BLVD. 1455 FREEDOM BLVD WATSONVILLE, CA 95076 EDR ID #91217040
WASTE MANAGEMENT		
Facility generates hazardous waste (RCRA)		NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)		NO
Facility has received Notices of Violations (RCRA/VIOL)		NO
Facility has been subject to RCRA administrative actions (RAATS)		NO
Facility has been subject to corrective actions (CORRACTS)		NO
Facility handles PCBs (PADS)		NO
Facility uses radioactive materials (MLTS)		NO
Facility manages registered aboveground storage tanks (AST)		NO
Facility manages registered underground storage tanks (UST)		NO
Facility has reported leaking underground storage tank incidents (LUST)		NO
Facility has reported emergency releases to the soil (ERNS)		YES - p4
Facility has reported hazardous material incidents to DOT (HMIRS)		NO
WASTE DISPOSAL		
Facility is a Superfund Site (NPL)		NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)		NO
Facility has a reported Superfund Lien on it (LIENS)		NO
Facility is listed as a state hazardous waste site (SHWS)		NO
Facility has disposed of solid waste on-site (SWF/LF)		NO
MULTIMEDIA		
Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)		NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)		NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)		NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)		NO
Facility is listed in EPA's index system (FINDS)		NO
Facility is listed in a county/local unique database (LOCAL)		NO
POTENTIAL SUPERFUND LIABILITY		
Facility has a list of potentially responsible parties PRP		NO
TOTAL (YES)		1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

1455 FREEDOM BLVD.
1455 FREEDOM BLVD.
WATSONVILLE, CA 95076
EDR ID #91217040

ERNS:

Site ID: 91217040
Site location: 1455 FREEDOM BLVD.
WATSONVILLE, CA 95076-
County: SANTA CRUZ
Report number: Not reported
EPA region: 09
Spill date: 04/25/1991
Spill time: 16:52
Medium affected: Land, Water
Damage: False
Damage \$ amount: 0.00
Number of injured: 0
Number of fatalities: 0
Notes: WELL
Discharger: LAWRENCE TANK TESTING
Discharger address: 1455 FREEDOM BLVD.
WATSONVILLE, CA 95076-
Discharger county: SANTA CRUZ
C.G. Unit: Not reported
EPA notified: True
Initial report: True
Updated report: True
Spill cause: Operator Error
Spilled material: HYDROGEN PEROXIDE
Spill total qty: 1.00 GAL
In water: 0.00
DOT #: UN2015
CAS: 772284
Quantity (lbs): 11.00
Description: MAT'L POURED DOWN WELL TO STERILIZE AND DRAWOUT CHEMICALS **
Action: ** BUBBLING REACTION ON BLOCK TOP / CLEANUP BY FD HAZMAT
Comments: Not reported

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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

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

WASTE MANAGEMENT

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

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

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

RCRA-LQG: RCRA - Large Quantity Generators

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

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

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

RCRA-SQG: RCRA - Small Quantity Generators

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

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

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

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generator

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

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

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

RCRA-NonGen: RCRA - Non Generators

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

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

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

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

BRS: Biennial Reporting System

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

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

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

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

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

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

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

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-566-0500

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

Date of Government Version: 12/04/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 02/07/2008
Date of Next Scheduled Update: 05/05/2008

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

CA AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 07/28/2008

CA UST: Active UST Facilities

Source: SWRCB
Telephone: 866-490-1028

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/08/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA LUST: Geotracker's Leaking Underground Fuel Tank Report

Source: State Water Resources Control Board
Telephone: Not reported

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/07/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180

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

Date of Government Version: 12/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/2008
Date of Next Scheduled Update: 07/21/2008

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

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

Date of Government Version: 10/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 04/16/2008
Date of Next Scheduled Update: 07/14/2008

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: Not reported

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

Date of Government Version: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008
Elapsed ASTM Days: 38
Date of Last EDR Contact: 04/28/2008

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: Not reported

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

Date of Government Version: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/04/2008
Elapsed ASTM Days: 42
Date of Last EDR Contact: 04/28/2008

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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

Date of Government Version: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008
Elapsed ASTM Days: 38
Date of Last EDR Contact: 04/28/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

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

Source: EPA

Telephone: 703-412-9810

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

Date of Government Version: 01/09/2008
Date Made Active at EDR: 02/20/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/05/2008
Elapsed ASTM Days: 15
Date of Last EDR Contact: 04/25/2008

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-412-9810

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

Date of Government Version: 12/03/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

Date of Government Version: 01/14/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date of Government Version: 10/15/1991
Date Made Active at EDR: 03/30/1994
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994
Elapsed ASTM Days: 56
Date of Last EDR Contact: 02/19/2008

CA SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-341-6320

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

Date of Government Version: 03/10/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/2008
Date of Next Scheduled Update: 06/09/2008

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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

Date of Government Version: 12/31/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 02/29/2008
Date of Next Scheduled Update: 06/16/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

SSTS: Section 7 Tracking Systems

Source: EPA
Telephone: 202-564-4203
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006	Date of Last EDR Contact: 04/14/2008
Database Release Frequency: Annually	Date of Next Scheduled Update: 07/14/2008

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Date of Last EDR Contact: 04/28/2008
Database Release Frequency: N/A	Date of Next Scheduled Update: 07/14/2008

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008	Date of Last EDR Contact: 03/17/2008
Database Release Frequency: Quarterly	Date of Next Scheduled Update: 06/16/2008

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

Source: EPA
Telephone: 202-566-1667
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008	Date of Last EDR Contact: 03/17/2008
Database Release Frequency: Quarterly	Date of Next Scheduled Update: 06/16/2008

FINDS: Facility Index System/Facility Registry System

Source: EPA
Telephone: Not reported
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/04/2008	Date of Last EDR Contact: 03/31/2008
Database Release Frequency: Quarterly	Date of Next Scheduled Update: 06/30/2008

RMP: Risk Management Plans

Source: Environmental Protection Agency
Telephone: 202-564-8600
When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 03/01/2008	Date of Last EDR Contact: 02/15/2008
Database Release Frequency: Varies	Date of Next Scheduled Update: 05/19/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency
Telephone: 202-564-0746
A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005	Date of Last EDR Contact: 03/31/2008
Database Release Frequency: Quarterly	Date of Next Scheduled Update: 06/30/2008

US ENG CONTROLS: Engineering Controls Sites List

Source: Environmental Protection Agency
Telephone: 703-603-0695
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/18/2008	Date of Last EDR Contact: 03/31/2008
Database Release Frequency: Varies	Date of Next Scheduled Update: 06/30/2008

US INST CONTROL: Sites with Institutional Controls

Source: Environmental Protection Agency
Telephone: 703-603-0695
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/18/2008	Date of Last EDR Contact: 03/31/2008
Database Release Frequency: Varies	Date of Next Scheduled Update: 06/30/2008

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 1
Telephone: 617-918-1313
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008	Date of Last EDR Contact: 02/15/2008
Database Release Frequency: Varies	Date of Next Scheduled Update: 05/19/2008

RADINFO: Radiation Information Database

Source: Environmental Protection Agency
Telephone: 202-343-9775
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/29/2008	Date of Last EDR Contact: 05/01/2008
Database Release Frequency: Quarterly	Date of Next Scheduled Update: 07/28/2008

LUCIS: Land Use Control Information System

Source: Department of the Navy
Telephone: 843-820-7326
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Date of Last EDR Contact: 03/10/2008
Database Release Frequency: Varies	Date of Next Scheduled Update: 06/09/2008

CDL: Clandestine Drug Labs

Source: Drug Enforcement Administration
Telephone: 202-307-1000
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Date of Last EDR Contact: 03/28/2008
Database Release Frequency: Quarterly	Date of Next Scheduled Update: 06/23/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA HIST CAL-SITES: Historical Calsites Database

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

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

Date of Government Version: 08/08/2005
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/25/2008
Date of Next Scheduled Update: 05/26/2008

CA CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

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

Date of Government Version: 01/01/1989
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/31/1994
Date of Next Scheduled Update: Not reported

CA SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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

Date of Government Version: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 02/25/2008

CA TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

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

Date of Government Version: 07/01/1995
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 07/28/2008

CA WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

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

Date of Government Version: 04/01/2000
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CA CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-341-5227

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

CA CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400

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

Date of Government Version: 04/01/2001
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/21/2008
Date of Next Scheduled Update: 07/21/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SWRCY: Recycler Database

Source: Department of Conservation
Telephone: 916-323-3836

A listing of recycling facilities in California.

Date of Government Version: 01/07/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

CA CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-341-5851

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

Date of Government Version: 10/31/1994
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/28/1998
Date of Next Scheduled Update: Not reported

CA SLIC: Statewide SLIC Cases

Source: State Water Resources Control Board
Telephone: 866-480-1028

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

Date of Government Version: 01/07/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 01/09/2008
Date of Next Scheduled Update: 07/07/2008

CA Sacramento Co. CS: CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

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

Date of Government Version: 02/11/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 04/28/2008

CA CS: Contaminated Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

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

Date of Government Version: 01/28/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/21/2008
Date of Next Scheduled Update: 07/21/2008

CA HIST LUST SANTA CLARA: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2800

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

Date of Government Version: 03/29/2005
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/24/2008
Date of Next Scheduled Update: 06/23/2008

CA AOCNCERN: San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178

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

Date of Government Version: 12/31/1998
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 07/14/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5851

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

Date of Government Version: 10/15/1990
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/26/2001
Date of Next Scheduled Update: Not reported

CA LIENS: Environmental Liens Listing

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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

Date of Government Version: 02/05/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/05/2008
Date of Next Scheduled Update: 05/05/2008

CA PERCHLORATE 2: Perchlorate Confirmed Contaminant Sites

Source: State Water Resources Control Board
Telephone: 916-341-5687

Perchlorate confirmed contaminant sites are regulated by the SWRCB and/or DTSC.

Date of Government Version: 02/26/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA CONTRA COSTA CO. SITE LIST: Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

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

Date of Government Version: 03/07/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/25/2008
Date of Next Scheduled Update: 05/26/2008

CA SAN JOSE HAZMAT: Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CA Fresno Co. CUPA: CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

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

Date of Government Version: 01/16/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/18/2008
Date of Next Scheduled Update: 07/14/2008

CA PLACER CO. MS: Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SWEEPS UST: SWEEPS UST Listing

Source: State Water Resources Control Board
Telephone: Not reported

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

Date of Government Version: 06/01/1994
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/03/2005
Date of Next Scheduled Update: Not reported

CA CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services
Telephone: 916-845-8400

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

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

Date of Last EDR Contact: 02/19/2008
Date of Next Scheduled Update: 05/19/2008

CA NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board
Telephone: 916-445-3846

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

Date of Government Version: 10/21/1993
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 07/14/2008

CA LA Co. Site Mitigation: Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806

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

Date of Government Version: 05/30/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 02/11/2008
Date of Next Scheduled Update: 05/12/2008

CA Orange Co. Industrial Site: List of Industrial Site Cleanups

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

Petroleum and non-petroleum spills.

Date of Government Version: 03/03/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 06/02/2008

CA DEED: Deed Restriction Listing

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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

Date of Government Version: 04/01/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/2008
Date of Next Scheduled Update: 06/30/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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

Date of Government Version: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA DRYCLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-327-4498

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

Date of Government Version: 07/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 06/30/2008

CA LOS ANGELES CO. HMS: HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/2007
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/11/2008
Date of Next Scheduled Update: 05/12/2008

CA VENTURA CO. BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

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

Date of Government Version: 02/27/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/2008
Date of Next Scheduled Update: 06/09/2008

CA WIP: Well Investigation Program Case List

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726

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

Date of Government Version: 10/25/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 04/23/2008
Date of Next Scheduled Update: 07/21/2008

CA CDL: Clandestine Drug Labs

Source: Department of Toxic Substances Control
Telephone: 916-255-6504

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

Date of Government Version: 09/30/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 04/21/2008
Date of Next Scheduled Update: 07/21/2008

CA Sacramento Co. ML: ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

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

Date of Government Version: 02/11/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 04/28/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SAN DIEGO CO. HMM: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

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

Date of Government Version: 05/16/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2008
Date of Next Scheduled Update: 06/30/2008

CA San Bern. Co. Permit: Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

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

Date of Government Version: 03/18/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 12/03/2007

CA San Mateo Co. BI: Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

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

Date of Government Version: 01/31/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/2008
Date of Next Scheduled Update: 07/07/2008

CA RESPONSE: State Response Sites

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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

Date of Government Version: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA HAZNET: Facility and Manifest Data

Source: California Environmental Protection Agency
Telephone: 916-255-1136

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

Date of Government Version: 12/31/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 02/08/2008
Date of Next Scheduled Update: 05/05/2008

CA EM: Emissions Inventory Data

Source: California Air Resources Board
Telephone: 916-322-2990

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

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

Date of Last EDR Contact: 04/18/2008
Date of Next Scheduled Update: 07/14/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA ENVIROSTOR: EnviroStor Database

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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

Date of Government Version: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA HAULERS: Registered Waste Tire Haulers Listing

Source: Integrated Waste Management Board
Telephone: 916-341-6422

A listing of registered waste tire haulers.

Date of Government Version: 02/12/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 06/09/2008

CA SAN DIEGO CO. SAM: Environmental Case Listing

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371

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

Date of Government Version: 11/28/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 04/23/2008
Date of Next Scheduled Update: 06/30/2008

CA DAY CARE: Licensed Child Care Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Date of Government Version: 01/15/2008
Database Release Frequency: N/A

Date of Last EDR Contact: 12/21/2007
Date of Next Scheduled Update: Not reported

POTENTIAL SUPERFUND LIABILITY

PRP: Potentially Responsible Parties

Source: EPA
Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/24/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

Appendix B Documentation



NFIP
FIRM
FLOOD INSURANCE RATE MAP
SANTA CRUZ COUNTY, CALIFORNIA AND INCORPORATED AREAS
PANEL 392 OF 470
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS	NUMBER	PANEL	SUFFIX
SANTA CRUZ COUNTY	060333	0392	D
WATSONVILLE CITY OF	060397	0392	D

Map Number: 06087C0392D
 Effective Date: MARCH 2, 2006

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes to the flood insurance rate map since the last update to the flood insurance rate map. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



RECEIVED
 MAY 12 2008
 RBF Consulting

2008 AUTHORIZATION TO ACCESS PROPERTY

Property Owner Information:

Name: GERILLIAN D. RODRIGUES
 Address: % 45 BRUSHWOOD LN
 City, State, Zip: WATSONVILLE CA 95076
 Phone: (831) 722 2125 Fax: (831) 722 2125
 E-Mail: joerodrigues_1@slcglobal.net

Subject Property:

Site Name: Approximate 66-Acre Atkinson Lane Specific Plan/Master Plan
 Site Address: 127 Atkinson Lane and 56 Atkinson Lane
City of Watsonville and Unincorporated County of Santa
Cruz, California
 Assessor's Parcel Number(s): APNs 048-211-24, -221-009, -231-01, -231-17, -231-18, and -251-09

Service Requested: **Preliminary Hazardous Materials Assessment**

In order to conduct the Preliminary Hazardous Materials Assessment per our scope of work, a site visit must be conducted on the subject property and a property Key Site Manager should be identified.

By signing below, you are authorizing RBF staff enter the project site pursuant to our scope of work and signed contract to conduct a Preliminary Hazardous Materials Assessment. If the project site is accessible only through other adjoining or adjacent properties, you are representing that you have obtained appropriate access permission from the adjacent owners. Additionally, should a property Key Site Manager be available to escort RBF through the subject property, please identify them below.

Key Site Manager Information:

Name: JOSEPH A. RODRIGUES
 Address: 45 BRUSHWOOD LN
 City, State, Zip: WATSONVILLE CA 95076
 Phone: (831) 722 2125 Fax: (831) 722 2125
 E-Mail: joerodrigues_1@slcglobal.net

Property Owner's Signature Joerodrigues Date 2 MAY 08

INTERVIEW QUESTIONNAIRE

Date: _____ Time: _____

Description of Project Site: _____

If questions are answered for only a specific area of the project site, specify the area>

Person Answering Questionnaire: Name: Jessica A. Rodgers

Party Administering Questionnaire: Name: Richard Beck/Wesley Salter, RBF Consulting
Please Return Fax to (949) 837-4122

1. How long have you worked at or been associated with the facility?

CP/R

2. What is your position?

Partner

3. What are your job responsibilities related to the facility?

Management

4. To the best of your knowledge is the property or any adjoining property currently or historically been used for an industrial use? If so what?

No
This Property in Apple Orchard for over 100 Yr

5. To the best of your knowledge is the subject property currently used or was historically used as a:

- | | | | | |
|--|-----|----|-----|----|
| a) gasoline station | Yes | No | Unk | NA |
| b) motor repair facility | Yes | No | Unk | NA |
| c) commercial printing facility | Yes | No | Unk | NA |
| d) dry cleaners | Yes | No | Unk | NA |
| e) photo developing laboratory | Yes | No | Unk | NA |
| f) plating shops | Yes | No | Unk | NA |
| g) junkyard or landfill | Yes | No | Unk | NA |
| h) waste treatment, storage, disposal facility | Yes | No | Unk | NA |
| i) recycling facility | Yes | No | Unk | NA |

Preliminary Hazardous Materials Assessment Questionnaire

j) car wash? Yes No Unk NA

6. To the best of your knowledge is any adjoining property currently used or was historically used as a:

- | | | | | |
|--|-----|----|-----|----|
| a) gasoline station | Yes | No | Unk | NA |
| b) motor repair facility | Yes | No | Unk | NA |
| c) commercial printing facility | Yes | No | Unk | NA |
| d) dry cleaners | Yes | No | Unk | NA |
| e) photo developing laboratory | Yes | No | Unk | NA |
| f) plating shops | Yes | No | Unk | NA |
| g) junkyard or landfill | Yes | No | Unk | NA |
| h) waste treatment, storage, disposal facility | Yes | No | Unk | NA |
| i) recycling facility | Yes | No | Unk | NA |
| j) car wash? | Yes | No | Unk | NA |

7. To the best of your knowledge are there currently stored or used, or have there been previously stored or used, any of the following:

- | | | | | |
|--|------------|----|-----|----|
| a) damaged or discarded automotive or industrial batteries | Yes | No | Unk | NA |
| b) pesticides, paints | <u>Yes</u> | No | Unk | NA |
| c) petroleum products | Yes | No | Unk | NA |
| d) degreasers | Yes | No | Unk | NA |
| e) solvents | Yes | No | Unk | NA |
| f) paints | Yes | No | Unk | NA |
| g) cleaners | Yes | No | Unk | NA |
| h) pesticides | Yes | No | Unk | NA |
| i) other hazardous materials? | Yes | No | Unk | NA |

Discarded - Specific Pesticides Applied To Apple Trees

8. To the best of your knowledge are there currently, or where there historically, any hazardous wastes or used oil generated on the property? If so where is it stored?

No

Preliminary Hazardous Materials Assessment Questionnaire

9. To the best of your knowledge has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?

No

10. To the best of your knowledge are there currently, or have there been previously, any pits, pond, or lagoons located on the property in connection with waste treatment or waste disposal?

No

11. Are there currently, or to the best of your knowledge has there been previously, any stained soil (other than minor automotive type stains) on the property? If so what and where?

No

12. Are there currently, or to the best of your knowledge are there currently or has there been previously, any registered or unregistered storage tanks (above or underground) located on the subject site? If so where?

ELEVATED WASTE TANK ONLY - NOW GONE

13. If existing or removed tanks are known, do you have any knowledge of any leaks, spills or releases from these tanks?

No

14. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? If so explain?

WATER PIPE ONLY - CITY SERVICE
LINE - 2ND ACCESS RD EAST PROPERTY LINE

Preliminary Hazardous Materials Assessment Questionnaire

15. What are the current procedures for obtaining storing, and handling hazardous materials and/or petroleum products at the subject site?

N/A

16. What are the current procedures for disposing of hazardous waste and/or waste petroleum products at the subject site?

N/A

17. Do you know of any hazardous material/hazardous waste or petroleum products spills that have occurred on the subject site? If so, when and where did they occur?

No

18. Are there currently, or to the best of your knowledge have there been previously, any drains, dry wells, underground sumps, septic tanks, leach fields at the subject site? If so where?

No

20. Are the buildings at the subject site connected to a sewer line?

No

21. Do you have knowledge of any past or current existence environmental violations with respect to the subject site?

No

22. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

No

Preliminary Hazardous Materials Assessment Questionnaire

23. Are you aware of any activity and land use limitations (AULS), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

ZONED AGRICULTURAL USE

24. As the **user** of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties (*applicable to the user only*)? For example, are you involved in the same line of business as the current or former *occupants* of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

PROPERTY IN FAMILY OVER 100 YR - ADJACENT AG LANDS WERE ORCHARD FOR RECENTLY BERRY PRODUCTION

25. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

N/A

26. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the property?

YES - ORCHARD SINCE LATE 1800S

b) Do you know of specific chemicals that are present or once were present at the property?

ORCHARD SPECIFIC SPRAYS & FERTILIZER

c) Do you know of spills or other chemical releases that have taken place at the property?

NO

Preliminary Hazardous Materials Assessment Questionnaire

d) Do you know of any environmental cleanups that have taken place at the property?

NO

e) Do you know of any other commonly known or reasonably ascertainable information about the property?

—

27. As the **user** of this ESA, based on your knowledge and experience related to the property are there any *obvious* indicators that point to the presence or likely presence of contamination (*applicable to the user only*)?

NO

28. To the best of your knowledge, have any historic addresses been utilized for the subject site? Yes No Unk NA

—

29. To the best of your knowledge, have any hazardous substances or petroleum products or unidentified waste materials been buried at the subject site? Yes No Unk NA

—

30. To the best of your knowledge, has any solid wastes, including construction materials, concrete, trash been dumped or buried on the property? Yes No Unk NA

—

Preliminary Hazardous Materials Assessment Questionnaire

31. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of Polychlorinated Biphenyls (PCBs)? Yes No Unk NA

(POSTTRANSUSSION LINE ON NORTH BORDER - WITH COMPLEMENTS)

32. Are there any areas you would recommend for further environmental investigation based on your knowledge of current and historical uses of the subject site? Yes No Unk NA

33. Is there anyone else you would recommend we interview for the Phase I ESA? Yes No Unk NA

Interviewed Person

ESTIMATED ORGANISMS
Company/Govt. Agency:

9 JULY 08
Date

[Signature]
Signature

JOSEPH A. ROGERS - PARTNER
Name/Title:



2008 AUTHORIZATION TO ACCESS PROPERTY

Property Owner Information:

Name: 56 ATKINSON LANE ASSOC, LLC
Address: 24650 GLENWOOD DR
City, State, Zip: LOS ANGELES, CA 95033
Phone: (408) 497-3989 Fax: (408) 353-4336
E-Mail: ATL@BUPROVES.COM

Subject Property:

Site Name: Approximate 66-Acre Atkinson Lane Specific Plan/Master Plan
Site Address: 127 Atkinson Lane and 56 Atkinson Lane
City of Watsonville and Unincorporated County of Santa Cruz, California
City, State, Zip: Cruz, California
APNs 048-211-24, -221-009, -231-01, -231-17, -231-18, and -251-09
Assessor's Parcel Number(s):

RECEIVED
MAY 07 2008
RBF Consulting

Service Requested: Preliminary Hazardous Materials Assessment

In order to conduct the Preliminary Hazardous Materials Assessment per our scope of work, a site visit must be conducted on the subject property and a property Key Site Manager should be identified.

By signing below, you are authorizing RBF staff enter the project site pursuant to our scope of work and signed contract to conduct a Preliminary Hazardous Materials Assessment. If the project site is accessible only through other adjoining or adjacent properties, you are representing that you have obtained appropriate access permission from the adjacent owners. Additionally, should a property Key Site Manager be available to escort RBF through the subject property, please identify them below.

Key Site Manager Information:

Name: OWEN LAWLOR
Address: 612 SPRING ST.
City, State, Zip: SANTA CRUZ, CA 95060
Phone: (831) 457-1331 Fax: (831) 457-1333
E-Mail: OWEN.LAWLOR@GMAIL.COM

Property Owner's Signature

[Signature]

Date 3/3/08

INTERVIEW QUESTIONNAIRE

Date: 5/3/08 Time: 5:00 PM

Description of Project Site: _____

If questions are answered for only a specific area of the project site, specify the area >

HW 019-226-08 / 018-21-25

Person Answering Questionnaire: Name: Oliver Lando

Party Administering Questionnaire: Name: Richard Beck/Wesley Salter, RBF Consulting
Please Return Fax to (949) 837-4122

1. How long have you worked at or been associated with the facility?
2 years

2. What is your position?
MANAGERIAL PARTNER

3. What are your job responsibilities related to the facility?
PROJECT MANAGEMENT

4. To the best of your knowledge is the property or any adjoining property currently or historically been used for an industrial use? If so what?
No

5. To the best of your knowledge is the subject property currently used or was historically used as a:

- | | | | | |
|--|-----|-------------------------------------|-----|----|
| a) gasoline station | Yes | <input checked="" type="radio"/> No | Unk | NA |
| b) motor repair facility | Yes | <input checked="" type="radio"/> No | Unk | NA |
| c) commercial printing facility | Yes | <input checked="" type="radio"/> No | Unk | NA |
| d) dry cleaners | Yes | <input checked="" type="radio"/> No | Unk | NA |
| e) photo developing laboratory | Yes | <input checked="" type="radio"/> No | Unk | NA |
| f) plating shops | Yes | <input checked="" type="radio"/> No | Unk | NA |
| g) junkyard or landfill | Yes | <input checked="" type="radio"/> No | Unk | NA |
| h) waste treatment, storage, disposal facility | Yes | <input checked="" type="radio"/> No | Unk | NA |
| i) recycling facility | Yes | <input checked="" type="radio"/> No | Unk | NA |

Preliminary Hazardous Materials Assessment Questionnaire

j) car wash? Yes No Unk NA

6. To the best of your knowledge is any adjoining property currently used or was historically used as a:

- | | | | | |
|--|-----|-------------------------------------|-----|----|
| a) gasoline station | Yes | <input checked="" type="radio"/> No | Unk | NA |
| b) motor repair facility | Yes | <input checked="" type="radio"/> No | Unk | NA |
| c) commercial printing facility | Yes | <input checked="" type="radio"/> No | Unk | NA |
| d) dry cleaners | Yes | <input checked="" type="radio"/> No | Unk | NA |
| e) photo developing laboratory | Yes | <input checked="" type="radio"/> No | Unk | NA |
| f) plating shops | Yes | <input checked="" type="radio"/> No | Unk | NA |
| g) junkyard or landfill | Yes | <input checked="" type="radio"/> No | Unk | NA |
| h) waste treatment, storage, disposal facility | Yes | <input checked="" type="radio"/> No | Unk | NA |
| i) recycling facility | Yes | <input checked="" type="radio"/> No | Unk | NA |
| j) car wash? | Yes | <input checked="" type="radio"/> No | Unk | NA |

7. To the best of your knowledge are there currently stored or used, or have there been previously stored or used, any of the following:

- | | | | | |
|--|-----|-------------------------------------|-----|----|
| a) damaged or discarded automotive or industrial batteries | Yes | <input checked="" type="radio"/> No | Unk | NA |
| b) pesticides, paints | Yes | <input checked="" type="radio"/> No | Unk | NA |
| c) petroleum products | Yes | <input checked="" type="radio"/> No | Unk | NA |
| d) degreasers | Yes | <input checked="" type="radio"/> No | Unk | NA |
| e) solvents | Yes | <input checked="" type="radio"/> No | Unk | NA |
| f) paints | Yes | <input checked="" type="radio"/> No | Unk | NA |
| g) cleaners | Yes | <input checked="" type="radio"/> No | Unk | NA |
| h) pesticides | Yes | <input checked="" type="radio"/> No | Unk | NA |
| i) other hazardous materials? | Yes | <input checked="" type="radio"/> No | Unk | NA |

PHASE II COMPLETE
NO ACTION

8. To the best of your knowledge are there currently, or where there historically, any hazardous wastes or used oil generated on the property? If so where is it stored?

No

Preliminary Hazardous Materials Assessment Questionnaire

9. To the best of your knowledge has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?

No

10. To the best of your knowledge are there currently, or have there been previously, any pits, pond, or lagoons located on the property in connection with waste treatment or waste disposal?

No

11. Are there currently, or to the best of your knowledge has there been previously, any stained soil (other than minor automotive type stains) on the property? If so what and where?

No

12. Are there currently, or to the best of your knowledge are there currently or has there been previously, any registered or unregistered storage tanks (above or underground) located on the subject site? If so where?

No

13. If existing or removed tanks are known, do you have any knowledge of any leaks, spills or releases from these tanks?

No

14. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? If so explain?

No

Preliminary Hazardous Materials Assessment Questionnaire

15. What are the current procedures for obtaining storing, and handling hazardous materials and/or petroleum products at the subject site?

N/A

16. What are the current procedures for disposing of hazardous waste and/or waste petroleum products at the subject site?

N/A

17. Do you know of any hazardous material/hazardous waste or petroleum products spills that have occurred on the subject site? If so, when and where did they occur?

No

18. Are there currently, or to the best of your knowledge have there been previously, any drains, dry wells, underground sumps, septic tanks, leach fields at the subject site? If so where?

No

20. Are the buildings at the subject site connected to a sewer line?

No

21. Do you have knowledge of any past or current existence environmental violations with respect to the subject site?

No

22. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

No

Preliminary Hazardous Materials Assessment Questionnaire

23. Are you aware of any activity and land use limitations (AULS), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

No

24. As the **user** of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties (*applicable to the user only*)? For example, are you involved in the same line of business as the current or former *occupants* of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

N/A

25. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

N/A

26. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the property?

Phase II

b) Do you know of specific chemicals that are present or once were present at the property?

No

c) Do you know of spills or other chemical releases that have taken place at the property?

No

Preliminary Hazardous Materials Assessment Questionnaire

d) Do you know of any environmental cleanups that have taken place at the property?

No

e) Do you know of any other commonly known or reasonably ascertainable information about the property?

No

27. As the *user* of this ESA, based on your knowledge and experience related to the property are there any *obvious* indicators that point to the presence or likely presence of contamination (*applicable to the user only*)?

No

28. To the best of your knowledge, have any historic addresses been utilized for the subject site? Yes No Unk NA

29. To the best of your knowledge, have any hazardous substances or petroleum products or unidentified waste materials been buried at the subject site? Yes No Unk NA

30. To the best of your knowledge, has any solid wastes, including construction materials, concrete, trash been dumped or buried on the property? Yes No Unk NA

Preliminary Hazardous Materials Assessment Questionnaire

31. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of Polychlorinated Biphenyls (PCBs)? Yes No Unk NA

32. Are there any areas you would recommend for further environmental investigation based on your knowledge of current and historical uses of the subject site? Yes No Unk NA

33. Is there anyone else you would recommend we interview for the Phase I ESA? Yes No Unk NA

Interviewed Person

56 ATKINSON CONSULTING ASSOC, LLC 5/3/08

Company/Govt. Agency:

Date

[Signature]
Signature

MARICOR PRINCE
Name/Title:



PHONE LOG

Incoming Call
 Outgoing Call

Job No. 70-100160
Date 06-04-08

Individual Contact Bruce Lamb By Kristen Bogue
Title Property Owner of APN 019-221-09 Phone (714) 545-3694
Company / Agency _____ Project Name Atkinson Lane
Address _____ Specific Plan / Master Plan

Subject of Contact Determine why there is broken up asphalt located at the northern portion of this property.

Items Discussed Mr. Lamb stated that the adjoining Portuguese Community Center placed the asphalt here so that they could park there.

Action to be Taken _____

Route To _____



PHONE LOG

Incoming Call
 Outgoing Call

Job No. 70-100160
Date 08-15-08

Individual Contact Israel Zapeda By Kristen Bogue
Title _____ Phone (831) 247-3236
Company / Agency Property Owner (APN 048-251-09) Project Name _____
Address 127 Atkinson Lane Atkinson Lane Specific Plan /
Watsonville, Ca 95076 Master Plan

Subject of Contact Confirm the use of the on-site drum pits.

Items Discussed Mr. Zapeda confirmed that on-site household trash is
either burned or moved to the local land fill. Mr. Zapeda stated
that no hazardous materials ^{are} burned on-site.

Action to be Taken _____

Route To _____



PHONE LOG

Incoming Call
 Outgoing Call

Job No. 70-100160
Date 5-1-2008

Individual Contact Staff By Kristen Bogue
Title Community Development Department Phone (831) 768-3050
Company / Agency City of Watsonville Project Name Atkinson Lane
Address 250 Main Street Specific Plan / Master Plan
Watsonville, Ca 95076 Phase Preliminary Hwy. Mat.

Subject of Contact Determine building records associated with the City
address 56 Atkinson Lane (APN 019-226-42)

Items Discussed Staff stated that there are two building permits
associated w/ proposed uses for the site. Additionally,
multiple ~~spot~~ septic issues/violations have been reported.
However these violations have been reported to be closed.
Also, staff noted that the two on-site addresses are (56 and
127 Atkinson Lane) are both City addresses.

Action to be Taken _____

Route To _____



PHONE LOG

Incoming Call
 Outgoing Call

Job No. 70-100160
Date 05-01-2008

Individual Contact Doc Andersen By Kristen Bogue
Title Public Records - Central Coast Region Phone (805) 549-3147
Company / Agency Regional Water Quality Control Board Project Name Atkinson Lane
Address 895 Aerovista Place, Suite 101 San Luis Obispo, Ca 93401 Specific Plan / Master Plan
Preliminary Hwy. Mat. Assessment.

Subject of Contact Request available public records for the subject site
(reported addresses 56 Atkinson Lane and 127 Atkinson Lane, Watsonville
and unincorporated County of Santa Cruz.

Items Discussed Staff stated that their database is maintained by
address only. The RWQCB does not have records for
the on-site addresses 56 Atkinson Lane and 127 Atkinson Lane,
Watsonville and unincorporated County of Santa Cruz.

Action to be Taken _____

Route To _____



PHONE LOG

Incoming Call
 Outgoing Call

Job No. 70-100160
Date 05-1-2008

Individual Contact staff By Kristen Bogue
Title Environmental Health Department Phone (831) 454-2022
Company / Agency County of Santa Cruz Project Name Atkinson Lane
Address 701 Ocean Street San Luis Obispo, Ca Specific Plan / Master Plan
Preliminary Hwy. Mat.

Subject of Contact Determine available public files for the subject
site.

Items Discussed Staff stated that no VSTs have been reported
on-site. ASTs are noted on-site. Typical hazardous materials
associated with agricultural uses was noted. Other on-site uses
include orchards and residential uses. The Pacific Gas and
Electric substation located on-site has reported the presence of
insulating oil. This site has reported mitigation activities.
Staff referred RBF to the staff site inspector
Ms. Rebecca Supplee at (831) 454-2738 for further
information.

Action to be Taken Contact Ms. Rebecca Supplee, facility inspector.

Route To _____



PHONE LOG

Incoming Call
 Outgoing Call

Job No. 70-100160
Date 05-01-08

Individual Contact Libessa Dupple, Facility Inspector By Kristen Bogue
Title Environmental Health Department Phone (831) 454-2738
Company / Agency County of Santa Cruz Project Name Atkinson Lane
Address 701 Ocean Street Specific Plan / Master Plan
Santa Cruz, CA

Subject of Contact Determine Mitigation action conducted on the PG+E substation located on-site.

Items Discussed Mr. Dupple stated that PG+E conducted soil sampling at the substation to confirm that PCB containing oils did not release into the soil. Soil sampling confirmed that a soil release did not occur. PG+E then placed a concrete foundation underlying the substation.

Action to be Taken _____

Route To _____



PHONE LOG

Incoming Call
 Outgoing Call

Job No. 70-100160
Date 08-20-08

Individual Contact Kit Nojvoda By Kristen Bogue
Title Fire Prevention Officer Phone (831) 728-6060
Company / Agency City of Watsonville Fire Dept Project Name Atkinson Lane
Address 115 Second Street Specific Plan / Master Plan
Watsonville, Ca 95076

Subject of Contact Determine if the City Fire Department has been called out to the project site for hazardous materials related issues.

Items Discussed Mr. Kit Nojvoda has been associated with the City's Fire Department for 15 years. Mr. Nojvoda stated that he doesn't recall being out to this property for fire prevention reasons. Mr. Nojvoda stated that he will check the records to see if files are maintained by the Fire Department for the project site.

Action to be Taken Waiting for response for Fire Department records. It is anticipated that the County Hazardous Materials related records are maintained by the County Environmental Health Department.

Route To _____

**The EDR-City Directory
*Abstract***

**Atkinson Lane Specific Plan/Master Plan
56 Atkinson Lane
Watsonville, CA 95076
Inquiry Number: 2201986.6**

Friday, April 25, 2008



**The Standard in
Environmental Risk
Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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

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SUMMARY

▪ **City Directories:**

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1960 through 2007. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: April 25, 2008

Target Property:

56 Atkinson Lane
Watsonville, CA 95076

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Residence	Polk's City Directory
1965	Residence	Polk's City Directory
1972	Residence	Polk's City Directory
1977	Residence	Polk's City Directory
1981	Residence	Polk's City Directory
1986	Residence	Polk's City Directory
2003	No current listing	Polk's City Directory
2007	Residence	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Watsonville, CA 95076

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	**ATKINSON LANE**	Polk's City Directory
	Residence (51)	Polk's City Directory
	Residence (53)	Polk's City Directory
	Residence (68)	Polk's City Directory
	Residence (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Residence (127)	Polk's City Directory
	VIC RUGH LN	Polk's City Directory
	Street not listed in research source	Polk's City Directory
1965	**ATKINSON LANE**	Polk's City Directory

2201986-6

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Residence (51)	Polk's City Directory
	Residence (53)	Polk's City Directory
	Residence (68)	Polk's City Directory
	Residence (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Address not listed in research source (127)	Polk's City Directory
	<u>**VIC RUGH LN**</u>	Polk's City Directory
	Street not listed in research source	Polk's City Directory
1972	<u>**ATKINSON LANE**</u>	Polk's City Directory
	Residence (51)	Polk's City Directory
	Residence (53)	Polk's City Directory
	Vacant (68)	Polk's City Directory
	Residence (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Address not listed in research source (127)	Polk's City Directory
	<u>**VIC RUGH LN**</u>	Polk's City Directory
	Street not listed in research source	Polk's City Directory
1977	<u>**ATKINSON LANE**</u>	Polk's City Directory
	Residence (51)	Polk's City Directory
	Residence (53)	Polk's City Directory
	Residence (68)	Polk's City Directory
	Residence (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Address not listed in research source (127)	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1977	<u>**VIC RUGH LN**</u>	Polk's City Directory
	Address not listed in research source (1521)	Polk's City Directory
1981	<u>**ATKINSON LANE**</u>	Polk's City Directory
	Residence (51)	Polk's City Directory
	Residence (53)	Polk's City Directory
	Residence (68)	Polk's City Directory
	Residence (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Residence (127)	Polk's City Directory
	<u>**VIC RUGH LN**</u>	Polk's City Directory
	Residence (1521)	Polk's City Directory
1986	<u>**ATKINSON LANE**</u>	Polk's City Directory
	Residence (51)	Polk's City Directory
	Residence (53)	Polk's City Directory
	Residence (68)	Polk's City Directory
	Residence (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Residence (127)	Polk's City Directory
	<u>**VIC RUGH LN**</u>	Polk's City Directory
	Vacant (1521)	Polk's City Directory
2003	<u>**ATKINSON LANE**</u>	Polk's City Directory
	Residence (51)	Polk's City Directory
	No current listing (53)	Polk's City Directory
	Residence (68)	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2003	No current listing (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Residence (127)	Polk's City Directory
	VIC RUGH LN	Polk's City Directory
	Residence (1521)	Polk's City Directory
2007	**ATKINSON LANE**	Polk's City Directory
	Residence (51)	Polk's City Directory
	Residence (53)	Polk's City Directory
	Residence (68)	Polk's City Directory
	No current listing (72)	Polk's City Directory
	Address not listed in research source (78)	Polk's City Directory
	Residence (127)	Polk's City Directory
	VIC RUGH LN	Polk's City Directory
	Residence (1521)	Polk's City Directory

Certified Sanborn® Map Report



Sanborn® Library search results
Certification # D7BD-4CC7-85B9

**Atkinson Lane Specific Plan/Master Plan
56 78 and 127 Atkinson Lane
Watsonville, CA 95076**

Inquiry Number 2201986.3s

April 23, 2008



**The Standard in
Environmental Risk
Information**

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

Certified Sanborn® Map Report

4/23/08

Site Name:
Atkinson Lane Specific
56 78 and 127 Atkinson Lane
Watsonville, CA 95076
EDR Inquiry # 2201986.3s

Client Name:
RBF Consulting
14725 Alton Parkway
Irvine, CA 92618
Contact: Kristen Bogue



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

Certified Sanborn Results:

Site Name: Atkinson Lane Specific Plan/Master Plan
Address: 56 78 and 127 Atkinson Lane
City, State, Zip: Watsonville, CA 95076
Cross Street:
P.O. # 70-100118
Project: Atkinson Lane
Certification # D7BD-4CC7-85B9



Sanborn® Library search results
Certification # D7BD-4CC7-85B9

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

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

UNMAPPED PROPERTY

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

Total Maps: 0

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EDR Historical Topographic Map Report

Atkinson Lane Specific Plan/Master Plan

56, 78 and 127 Atkinson Lane
Watsonville, CA 95076

Inquiry Number: 2201986.4

April 23, 2008



The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR Historical Topographic Map Report

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

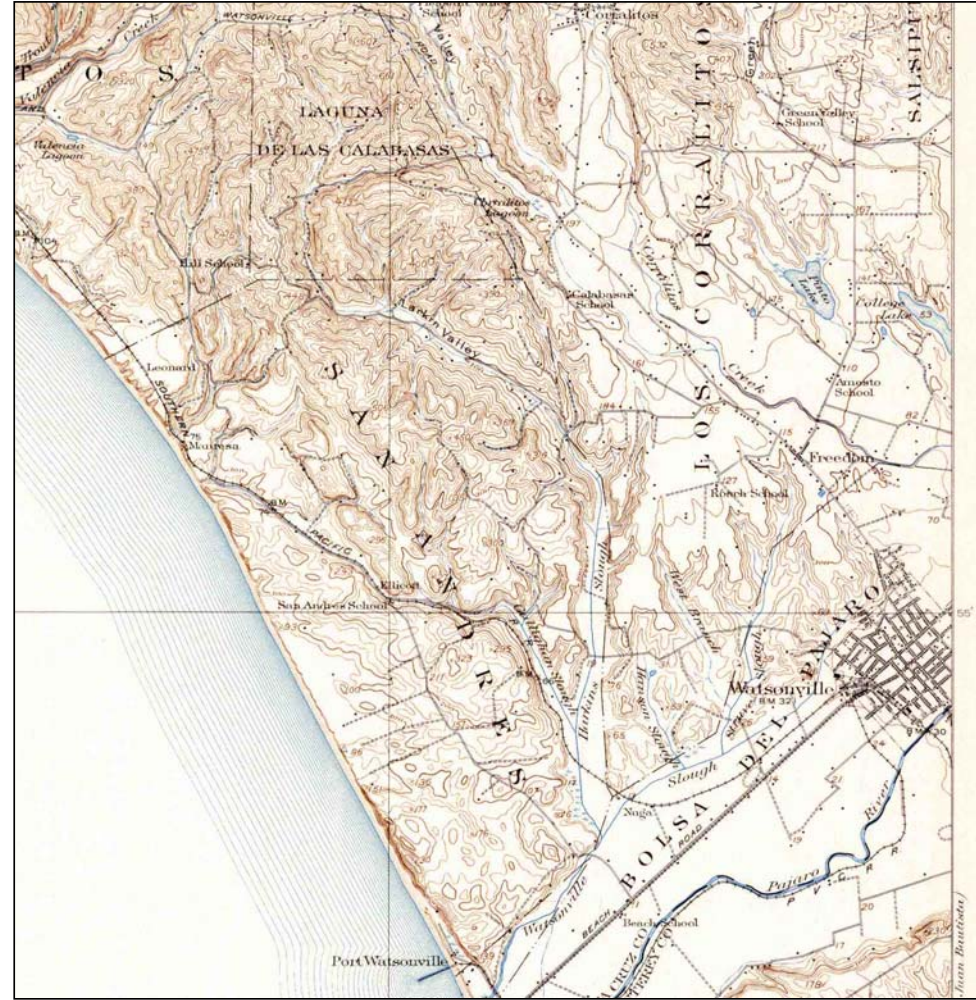
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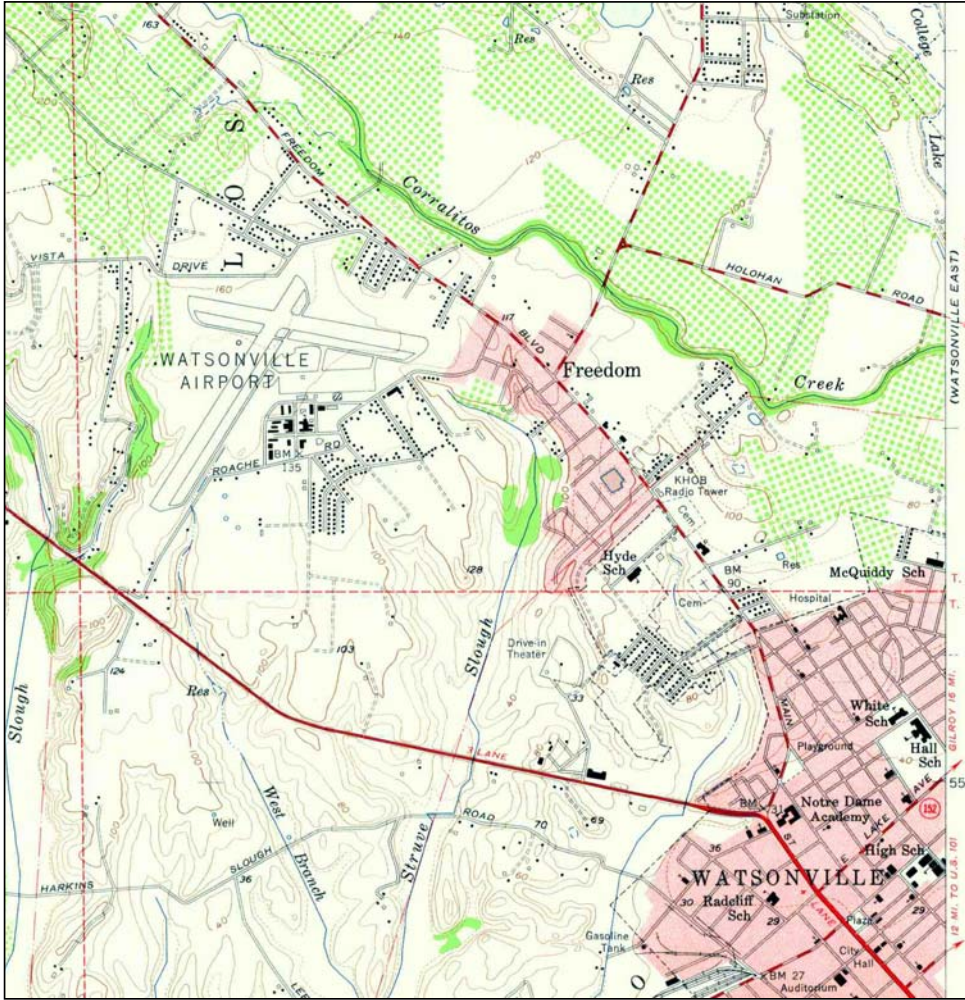
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Historical Topographic Map



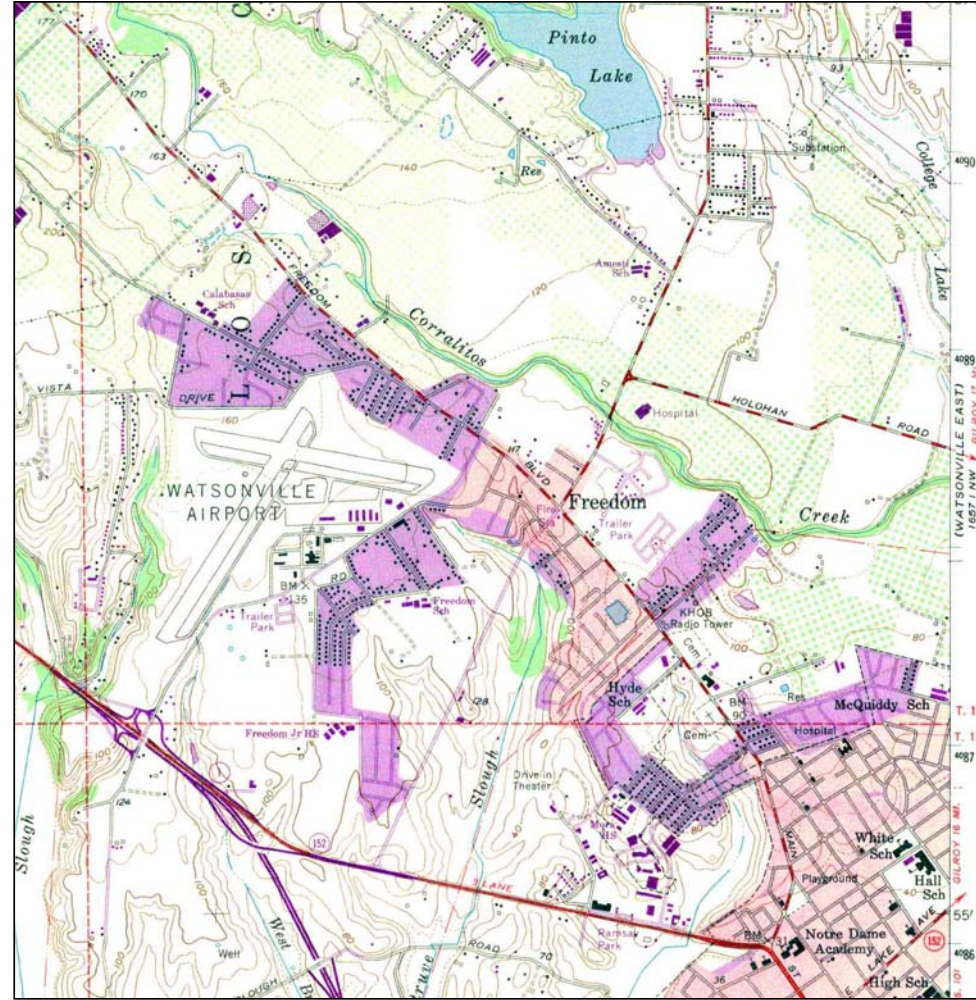
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	NAME: CAPITOLA	Plan/Master Plan	CONTACT:	Kristen Bogue	
	MAP YEAR: 1914	ADDRESS:	56, 78 and 127 Atkinson Lane	INQUIRY#:	2201986.4
	SERIES: 15	LAT/LONG:	Watsonville, CA 95076	RESEARCH DATE:	04/23/2008
	SCALE: 1:62500				

Historical Topographic Map



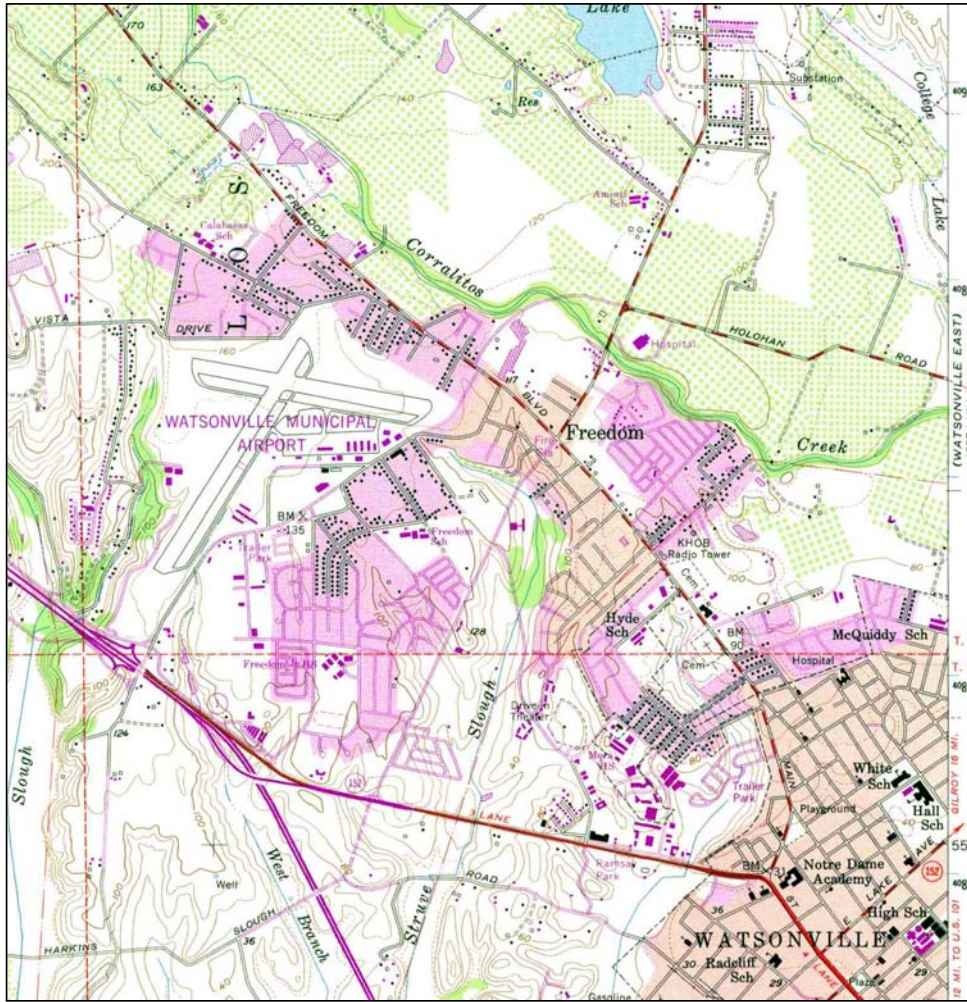
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	NAME: WATSONVILLE WEST	ADDRESS:	56, 78 and 127 Atkinson Lane	CONTACT:	Kristen Bogue
	MAP YEAR: 1954		Watsonville, CA 95076	INQUIRY#:	2201986.4
	SERIES: 7.5	LAT/LONG:	36.9323 / 121.76	RESEARCH DATE:	04/23/2008
	SCALE:	1:24000			

Historical Topographic Map



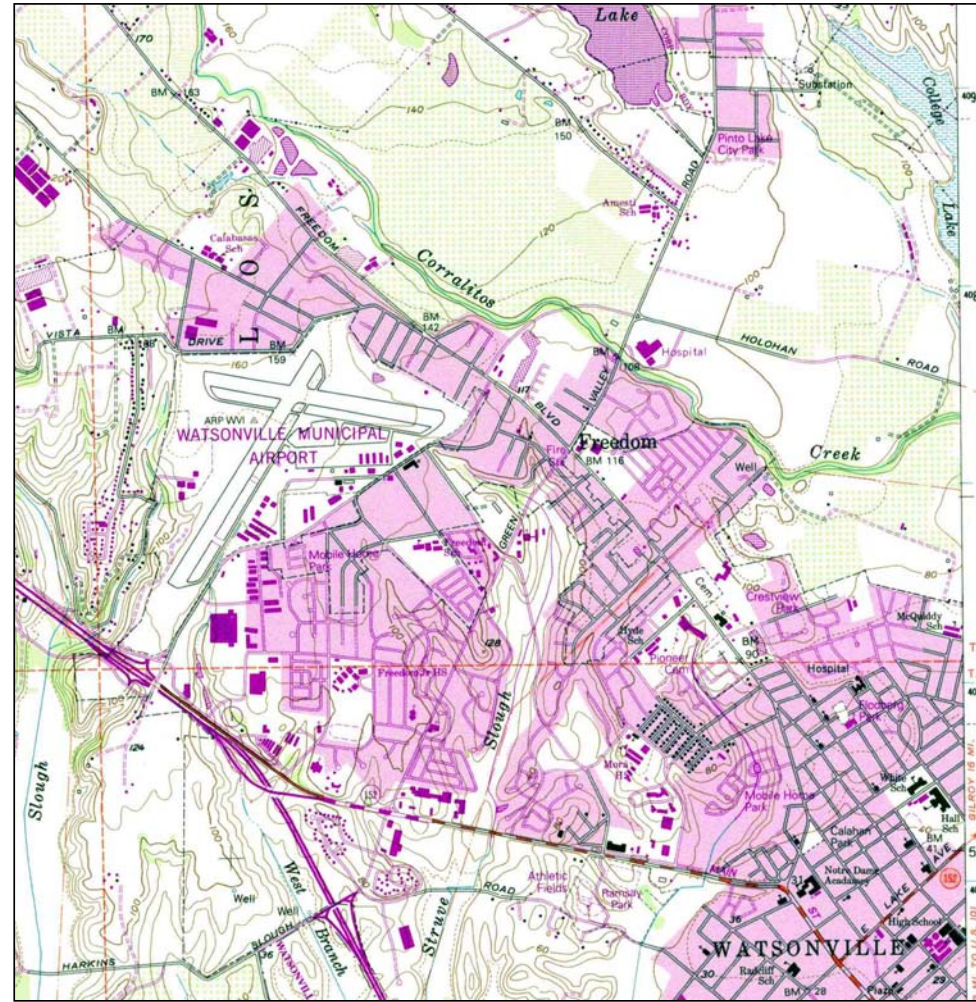
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	MAP YEAR: 1968		Watsonville, CA 95076	INQUIRY#:	2201986.4
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Historical Topographic Map



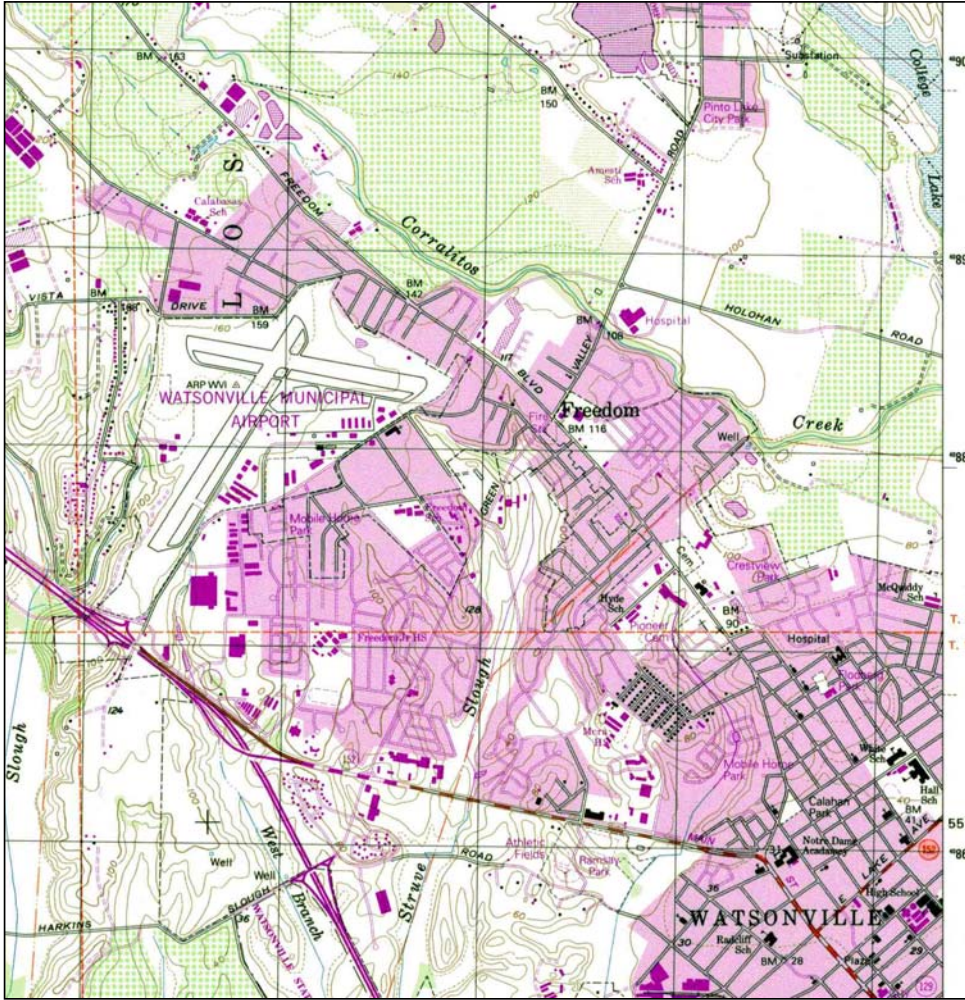
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	PHOTOREVISED FROM: 1954	Watsonville, CA 95076	INQUIRY#: 2201986.4
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SCALE: 1:24000			

Historical Topographic Map



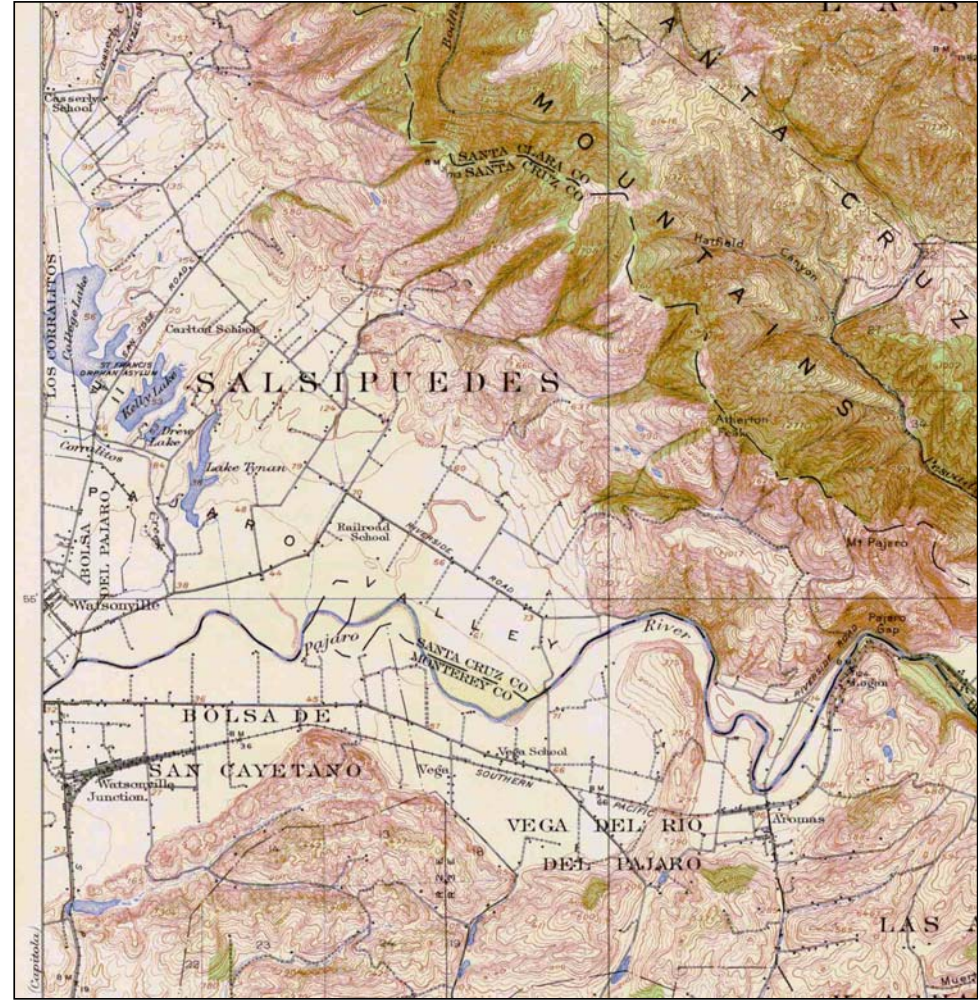
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	REVISED FROM: 1954	Watsonville, CA 95076	INQUIRY#: 2201986.4
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Historical Topographic Map



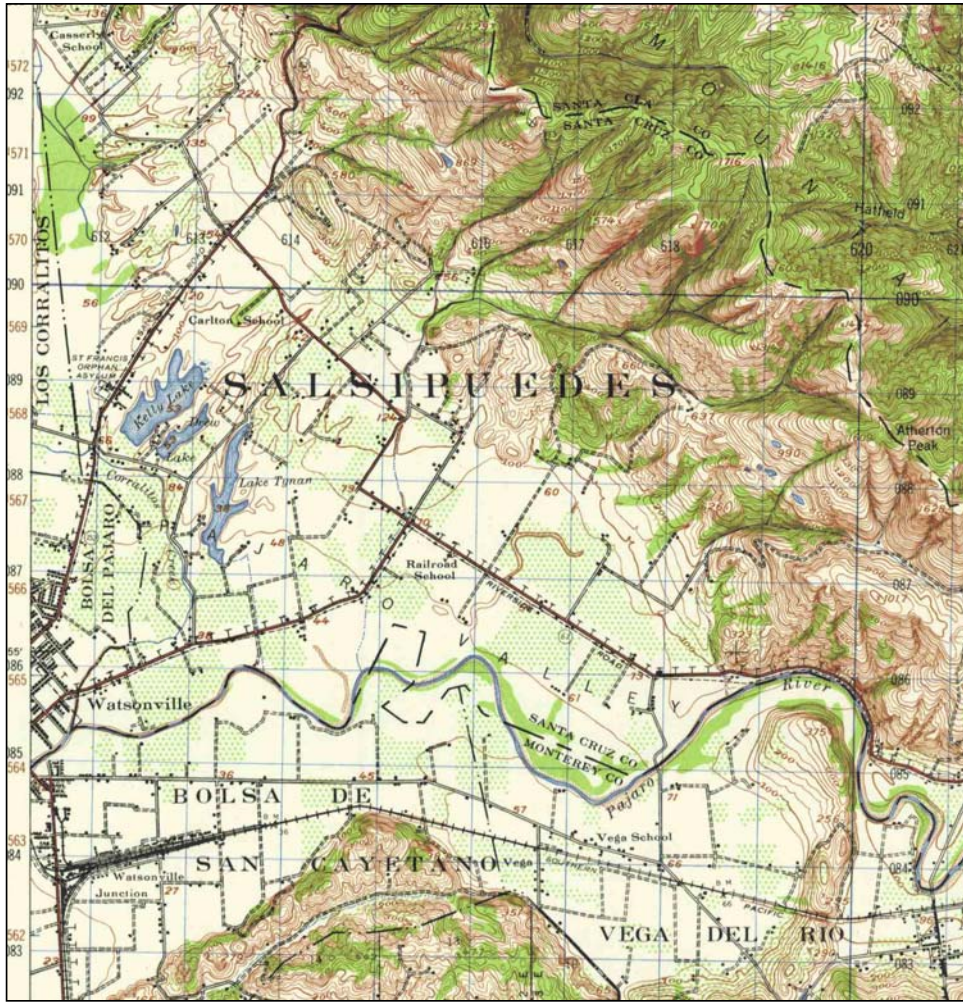
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Historical Topographic Map



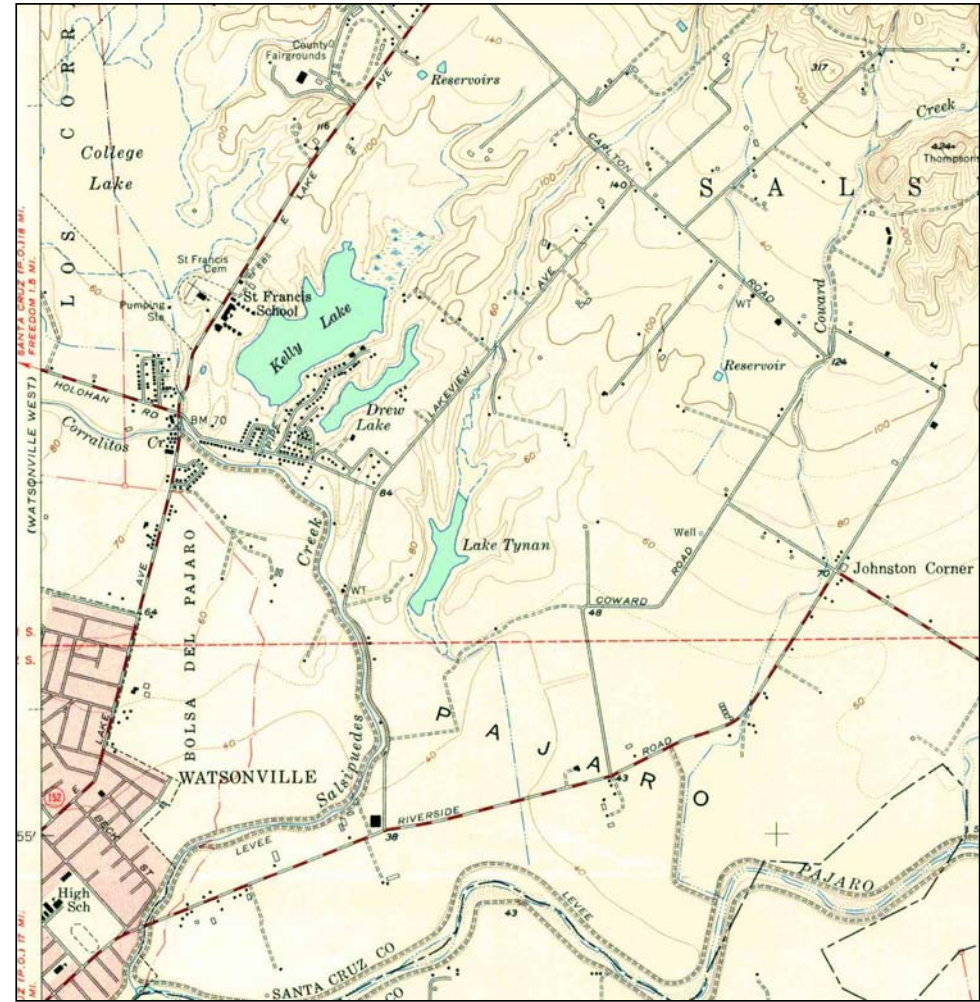
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	NAME: SAN JUAN BAUTISTA	ADDRESS:	56, 78 and 127 Atkinson Lane	CONTACT:	Kristen Bogue
	MAP YEAR: 1917		Watsonville, CA 95076	INQUIRY#:	2201986.4
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Historical Topographic Map



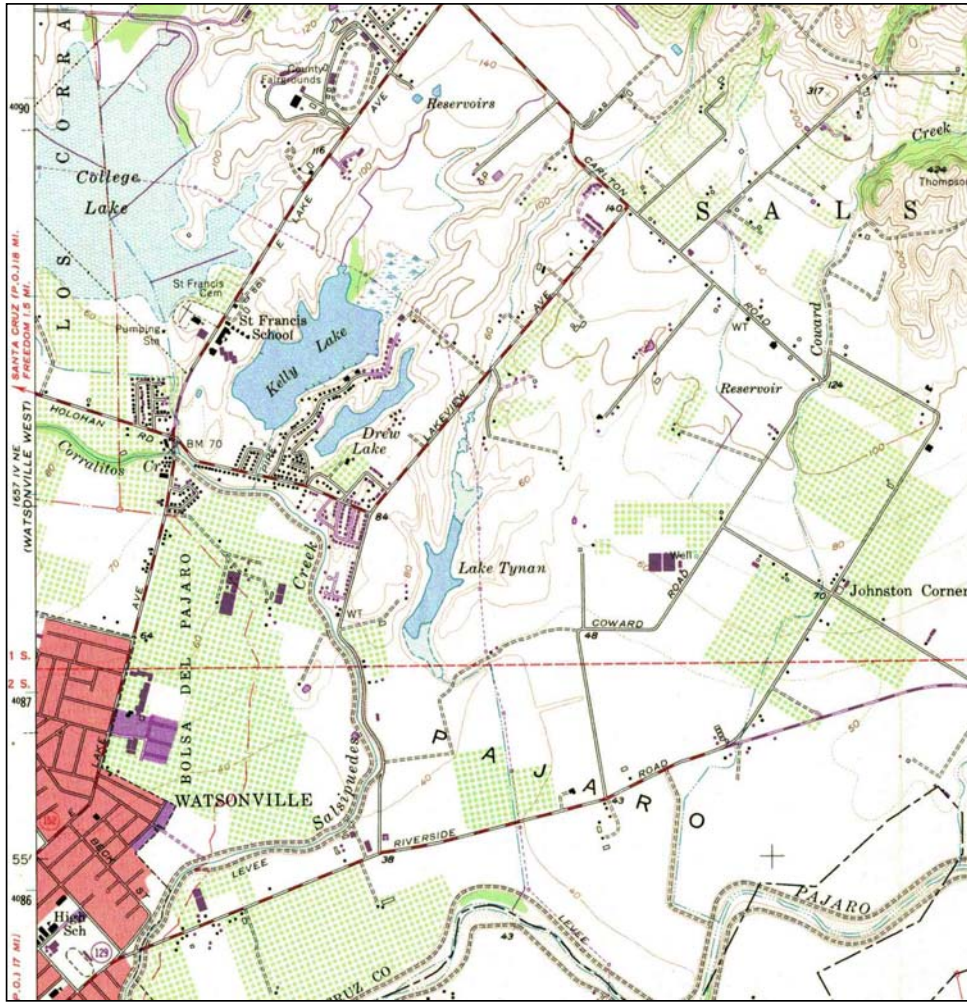
	ADJOINING QUAD NAME: SAN JUAN BAUTISTA	SITE NAME: Atkinson Lane Specific Plan/Master Plan	CLIENT: RBF Consulting
	MAP YEAR: 1947	ADDRESS: 56, 78 and 127 Atkinson Lane Watsonville, CA 95076	CONTACT: Kristen Bogue
	SERIES: 15	LAT/LONG: 36.9323 / 121.76	INQUIRY#: 2201986.4
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Historical Topographic Map



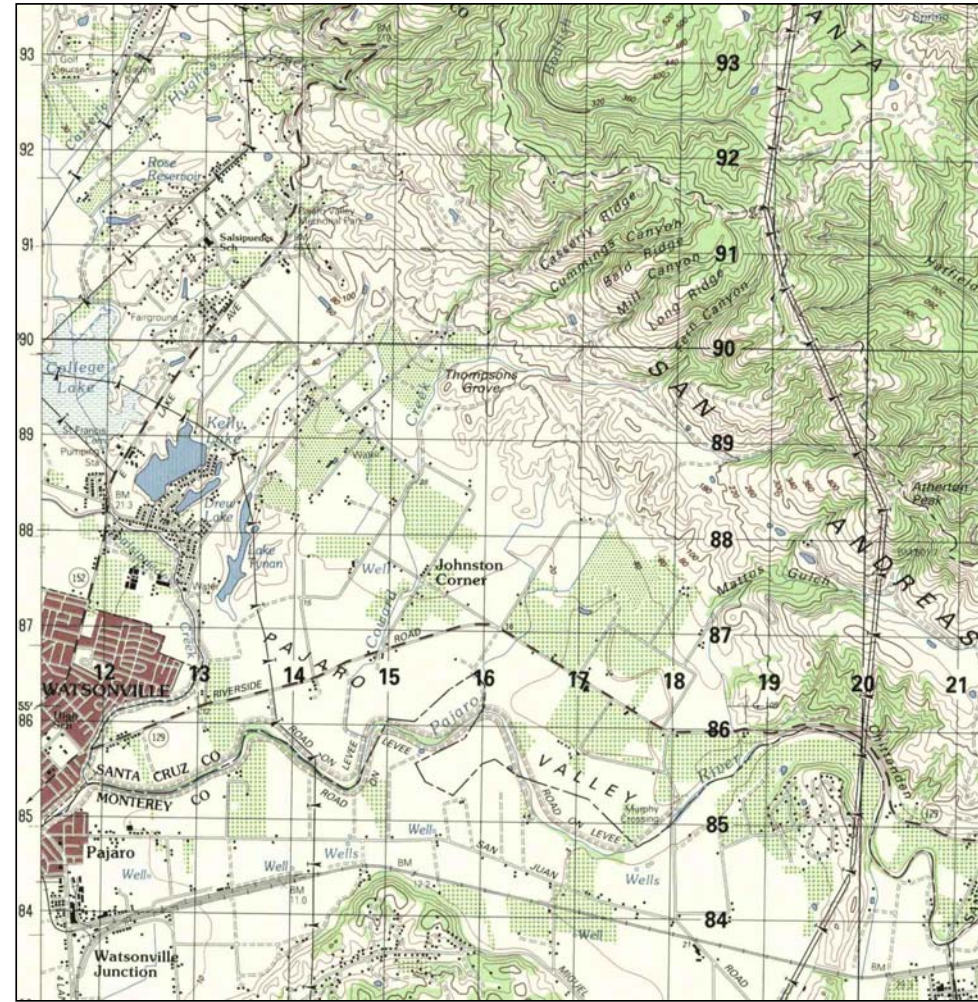
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	MAP YEAR: 1955	ADDRESS: 56, 78 and 127 Atkinson Lane Watsonville, CA 95076	CONTACT: Kristen Bogue
	SERIES: 7.5	LAT/LONG: 36.9323 / 121.76	INQUIRY#: 2201986.4
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Historical Topographic Map



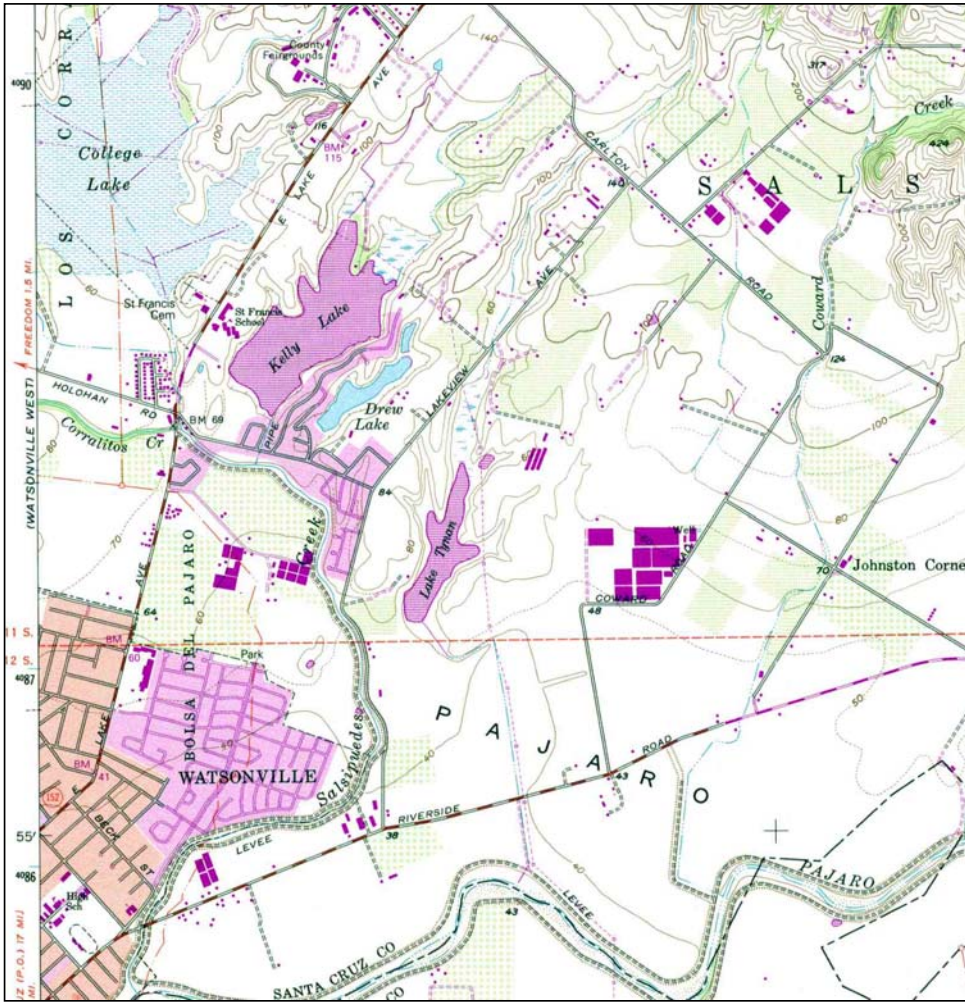
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	MAP YEAR: 1968	ADDRESS: 56, 78 and 127 Atkinson Lane	CONTACT: Kristen Bogue
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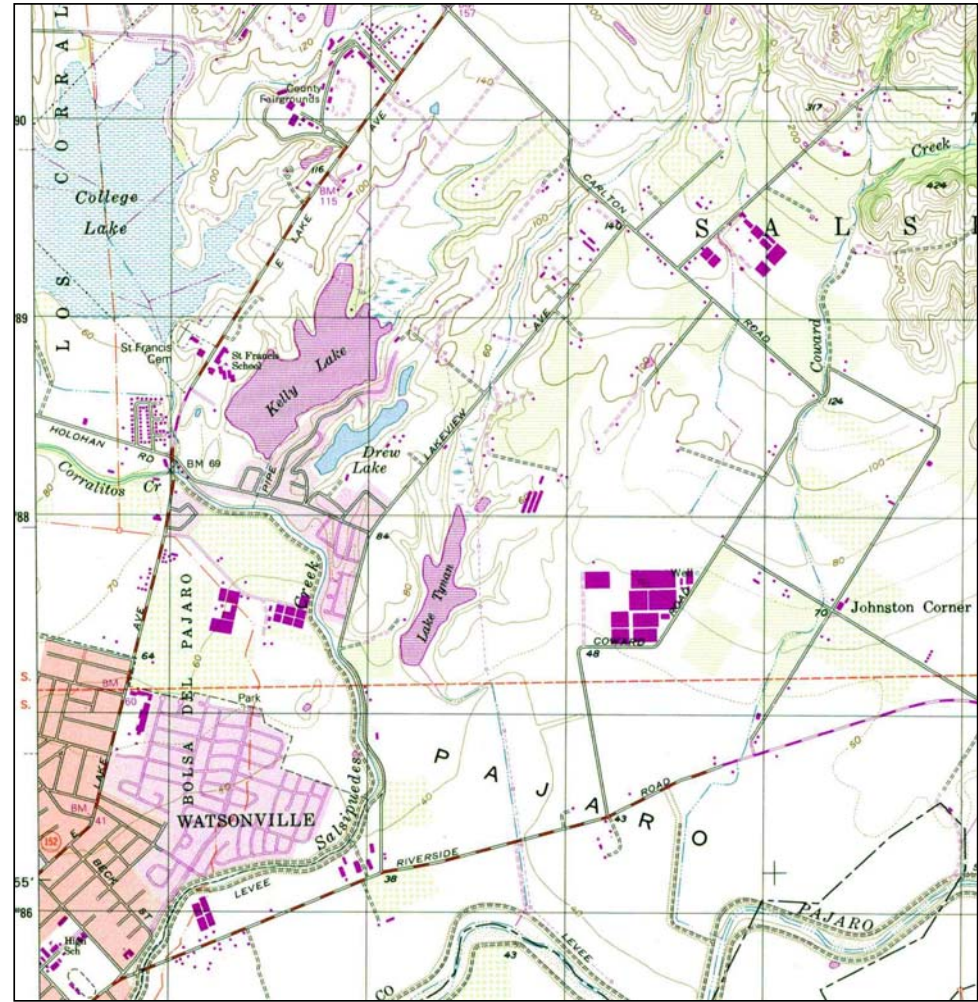
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	NAME: PRUNEDALE	Atkinson Lane Specific Plan/Master Plan	RBF Consulting
	MAP YEAR: 1987	ADDRESS: 56, 78 and 127 Atkinson Lane	CONTACT: Kristen Bogue
	SERIES: 15	Watsonville, CA 95076	INQUIRY#: 2201986.4
	SCALE: 1:50000	LAT/LONG: 36.9323 / 121.76	RESEARCH DATE: 04/23/2008


Historical Topographic Map

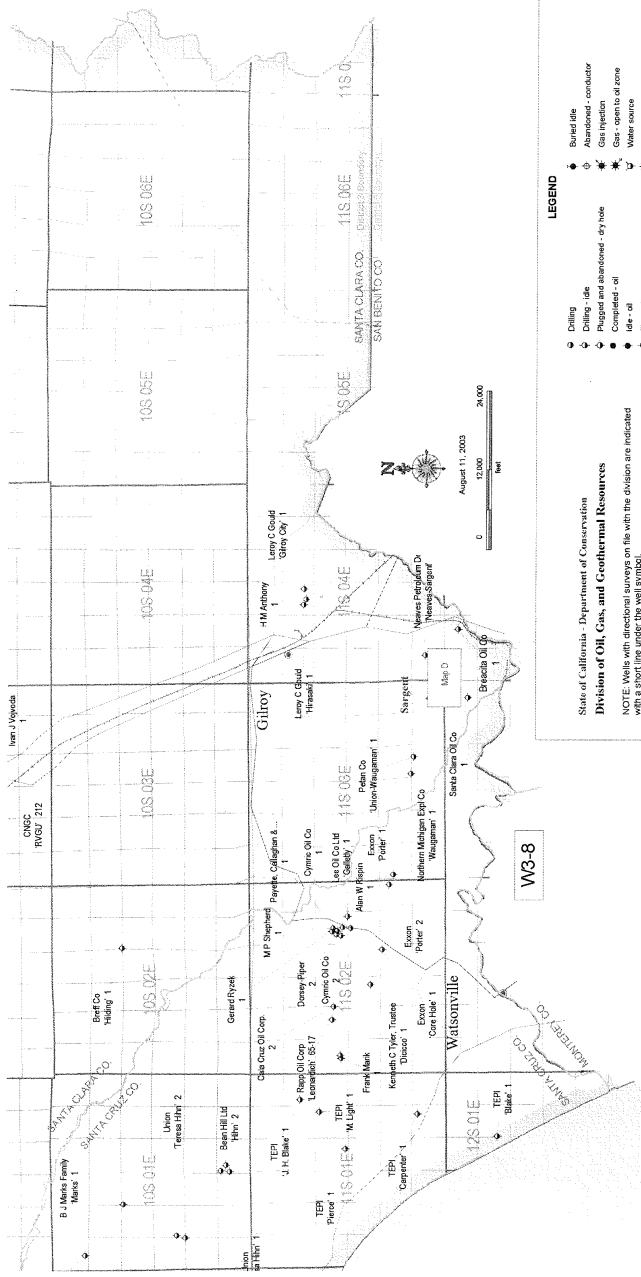


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	NAME: WATSONVILLE EAST	Atkinson Lane Specific Plan/Master Plan	RBF Consulting
	MAP YEAR: 1993	ADDRESS: 56, 78 and 127 Atkinson Lane	CONTACT: Kristen Bogue
	REVISED FROM: 1955	Watsonville, CA 95076	INQUIRY#: 2201986.4
	SERIES: 7.5	LAT/LONG: 36.9323 / 121.76	RESEARCH DATE: 04/23/2008
SCALE: 1:24000			

Historical Topographic Map



 N	ADJOINING QUAD	SITE NAME:	CLIENT:
	NAME: WATSONVILLE EAST	Atkinson Lane Specific Plan/Master Plan	RBF Consulting
	MAP YEAR: 1995	ADDRESS: 56, 78 and 127 Atkinson Lane	CONTACT: Kristen Bogue
	SERIES: 7.5	Watsonville, CA 95076	INQUIRY#: 2201986.4
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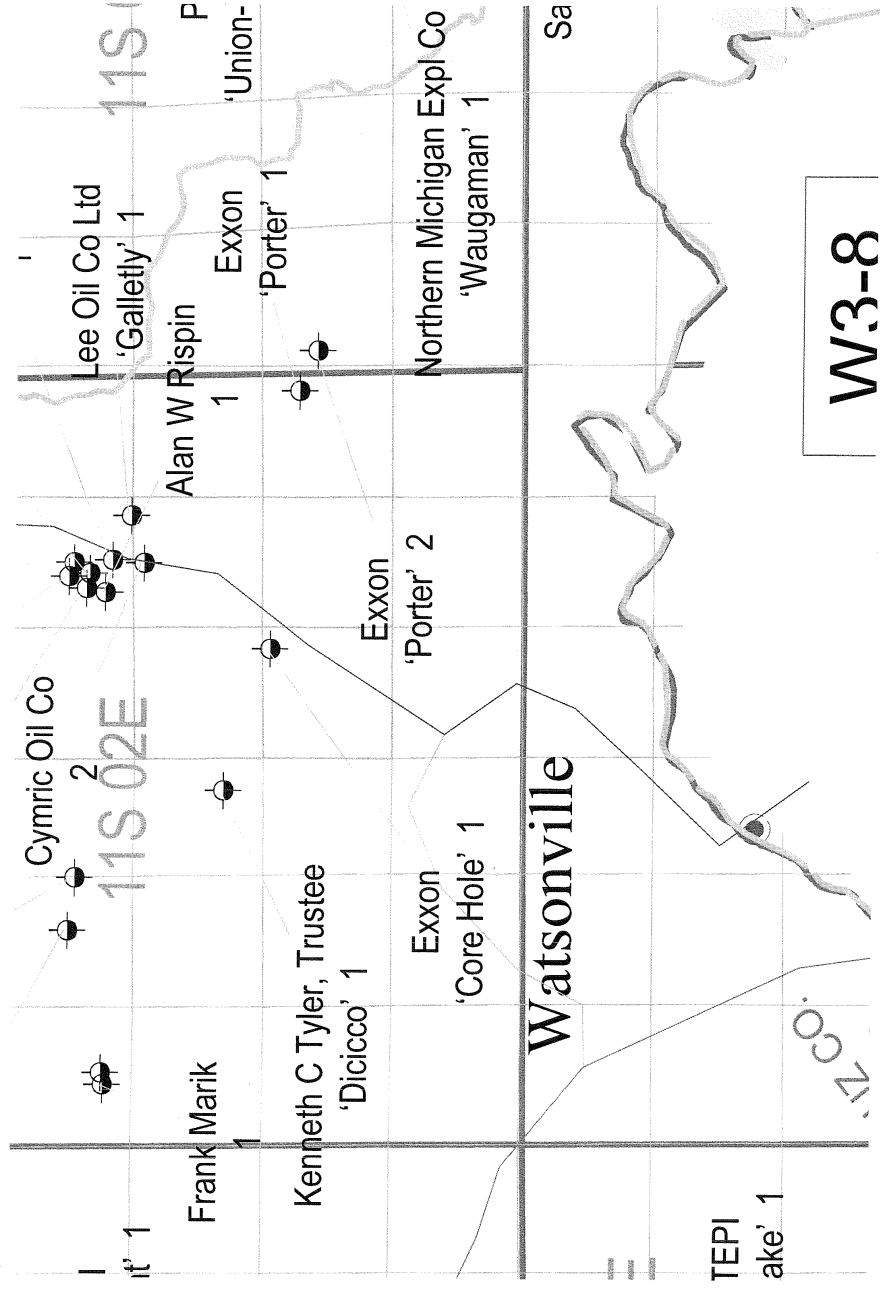
FIELDS: Half Moon Bay, La Honda, Moody Gulch, Oil Creek, Sargent

COUNTIES: Alameda, San Mateo, Santa Clara, Santa Cruz

LEGEND

● Drilling	● Buried file
○ Drilling - idle	○ Abandoned - conductor
○ Plugged and abandoned - dry hole	○ Gas injection
○ Completed - oil	○ Observation
○ Idle - oil	○ Water storage
○ Plugged and abandoned - oil	○ Plugged & abandoned - oil & gas
○ Completed - gas	○ Gas storage
○ Idle - gas	○ Observation
○ Plugged and abandoned - gas	○ Gas - converted to gas storage
○ Completed - water disposal	○ Gas - converted to water disposal
○ Completed - waterflood	○ Abandoned oil - converted to water disposal
□ Surveyed section	□ Field boundary
□ Proposed section	□ Division defined administrative boundary

State of California - Department of Conservation
Division of Oil, Gas, and Geothermal Resources
 NOTE: Wells with directional surveys on file with the division are indicated with a short line under the well symbol.
 Current well status should be confirmed at the appropriate division office.
 The Department of Conservation makes no warranties as to the suitability of this product for any particular purpose.
 August 11, 2003



W3-8



Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
700 Heinz Avenue, Suite 200
Berkeley, California 94710-2721



Arnold
Schwarzenegger
Governor

RECEIVED
MAY 12 2008
RBF Consulting

May 9, 2008

Kristen Boque
RBF
14725 Alton Parkway
Irvine, CA 92618-2027

PUBLIC RECORDS ACT REQUEST DATED: 05/02/08FAX

SUBJECT(S): VARIOUS SITES IN SANTA CRUZ, CA

PR # 2-05-02-08-01

Dear Ms. Boque:

We have received your Public Records Act Request for information from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the site(s) referenced above.

If you have any questions regarding this request, or require information for additional sites, please direct your inquiries to the numbers provided below.

Thanks and regards,

Lule Varela
Regional Records Coordinator
DTSC Berkeley Regional Office
Direct: 510.540.3800
Fax: 510.540.3801
e-mail: lvarela@dtsc.ca.gov

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May 1, 2008

Department of Toxic Substances Control

Attention: Custodian of Records
700 Heinz Avenue, Suite 200
Berkeley, Ca 94710-2721
(510) 540-2122 (phone)
(510) 540-3801 (fax)

SUBJECT: **Atkinson Lane Specific Plan/Master Plan
Preliminary Hazardous Materials Assessment; File Records Search**

Dear staff:

This letter serves as a request for a file/search review for properties located within the City of Watsonville and unincorporated County of Santa Cruz, County of Santa Cruz, California. RBF Consulting (RBF) is currently conducting a Preliminary Hazardous Materials Assessment for the County of Santa Cruz for a specific plan/master plan project located along Atkinson Lane, to the south of Corralitos Creek and to the northeast of Freedom Boulevard. RBF would like to request files for all the known on-site Assessor's Parcel Numbers (APNs) and addresses:

- ❖ 019-226-42 (56 Atkinson Lane, Watsonville);
- ❖ 048-211-24 (no address; Unincorporated County of Santa Cruz);
- ❖ 048-211-25 (56 Atkinson Lane, Unincorporated County of Santa Cruz);
- ❖ 048-221-09 (no address; Unincorporated County of Santa Cruz);
- ❖ 048-231-01 (no address; Unincorporated County of Santa Cruz);
- ❖ 048-231-17 (no address; Unincorporated County of Santa Cruz);
- ❖ 048-231-18 (127 Atkinson Lane, Unincorporated County of Santa Cruz); and
- ❖ 048-251-09 (no address; Unincorporated County of Santa Cruz).

RBF would like to request a file search of these addresses within the Department's database. If records are on file, RBF would also like to send a check for copies to be mailed to the address on this letterhead, Attention: Ms. Kristen Bogue, MS 455. If there is anyway I can assist you in expediting this search request please let me know. Please do not hesitate to contact me at 949-855-5747, or kbogue@rbf.com, with any questions you may have regarding this request.

Sincerely,


Kristen Bogue, CEI
Environmental Analyst
Planning/Environmental Services

PLANNING ■ DESIGN ■ CONSTRUCTION

14725 Alton Parkway, Irvine, CA 92618-2027 ■ P.O. Box 57057, Irvine, CA 92619-7057 ■ 949.472.3505 ■ Fax 949.472.6373

Offices located throughout California, Arizona & Nevada ■ www.RBF.com
printed on recycled paper

R. Supplee
1/28/08

Jennifer C. Sedlachek
Project Manager

ExxonMobil Refining & Supply Company
Global Remediation - US Retail
4096 Piedmont Avenue #194
Oakland, California 94611
510.547.8196
510.547.8706 Fax
jennifer.c.sedlachek@exxonmobil.com

RECEIVED
JAN 28 2008
PROJECT MANAGER
JENNIFER C. SEDLACHEK
EXXONMOBIL
Refining & Supply

January 16, 2008

Mr. John Mijares
California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401

RE: Former Exxon RAS #7-0115/1455 Freedom Boulevard, Watsonville, California.

Dear Mr. Mijares:

Attached for your review and comment is a copy of the letter report entitled *Agency Response and Remedial System Design Work Plan*, dated January 16, 2008, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details proposed activities at the subject site.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,



Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Agency Response and Remedial System Design Work Plan, dated January 16, 2008

cc: w/ attachment
Ms. Rebecca Supplee, Santa Cruz Health Services Agency, Environmental Health Services
Ms. Amanda Massey, Nella Oil Company

w/o attachment
Ms. Paula Sime, Environmental Resolutions, Inc.

An ExxonMobil Subsidiary

2100

1455 Freedom Blvd, Wats, Former Exxon, Site Mit,
2006

No





Southern California
Northern California
Pacific Northwest
Southwest
Texas
Montana

JAN 28 2008

January 16, 2008
ERI 212912.W03

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

SUBJECT Agency Response and Remedial System Design Work Plan
Former Exxon Service Station 70115
1455 Freedom Boulevard, Watsonville, California

Ms. Sedlachek:

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) has prepared this agency response and remedial system design work plan pursuant to ongoing discussions with the California Regional Water Quality Control Board, Central Coast Region (Regional Board). The purpose of this work plan is to provide the Regional Board with the requested documentation of the remedial system design modification.

SITE DESCRIPTION

The site is located on the southern corner of Freedom Boulevard and Alta Vista Avenue in Watsonville, California, as shown on the Site Vicinity Map (Plate 1). The site is currently operated as an Olympian-branded gasoline service station by Nella Oil Company (Nella). The locations of the underground storage tanks (USTs), dispenser islands, groundwater monitoring wells, and other select site features are shown on the Generalized Site Plan (Plate 2). Properties in the vicinity of the site are occupied by commercial and residential developments.

REMEDIATION ACTIVITIES

ERI operated a groundwater extraction and treatment (GET) remediation system at the site from September 1994 to August 2006. In August 2006, the GET system was shut down for blower repairs. At that time, ERI reviewed concentration trends and operation and performance data for the GET system and evaluated the options to repair the existing remediation system or consider other remedial alternatives for the site. The GET system was primarily designed to remediate methyl tertiary butyl ether (MTBE) in groundwater beneath and downgradient of the site and inhibit the migration of dissolved-phase hydrocarbons in groundwater. Concentrations of MTBE in the system influent samples and in the groundwater monitoring wells showed consistent declining trends. At the time the system was shut down for repair in August 2006, MTBE concentrations in groundwater samples collected from the system influent and groundwater monitoring wells were near laboratory reporting limits.

On February 21, 2007, ERI initiated a 24-hour high-vacuum DPE pilot test using the soil vapor extraction (SVE) portion of well AS/SVE1 as the extraction well. Details of this event are discussed in ERI's report entitled *High Vacuum Dual-Phase Extraction Test*, dated August 10, 2007. The report concluded that the radius of influence was 7.4 feet and that DPE is an effective remediation technology for this site.

ERI 212912.W03 Former Exxon Service Station 7-0115, Watsonville, California

January 16, 2008

REMEDIATION SYSTEM MODIFICATION

ERI is currently modifying the remediation system to include a DPE system installed under permit from the Monterey Bay Unified Air Pollution Control District, rearrangement of existing equipment, the addition of a fluidized bed bio-reactor to treat tertiary butyl alcohol (TBA), and the addition of a third liquid-phase granular activated carbon (GAC) vessel. The original GET system consisted of two 1,000-pound liquid-phase GAC vessels, plumbed in series for abatement purposes. ERI removed the original two 1,000-pound GAC vessels and replaced them with a fluidized bed bio-reactor and three 500-pound GAC vessels, plumbed in series, prior to discharge to the sanitary sewer system. Complete design specifications are included in the Site-Specific Equipment Notes and Requirements (Attachment A).

The DPE system will initially be connected to the soil vapor extraction portion of well AS/SVE1. System performance will be evaluated to determine if additional wells are required.

SCHEDULE OF OPERATIONS

ERI is in the final startup stages of the upgrade and anticipates operation of the system to commence in the first quarter 2008.

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. John Mijares
California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401

Ms. Rebecca Supplee
Santa Cruz County Health Services Agency
Environmental Health Services
701 Ocean Street, Room 312
Santa Cruz, California 95060

Ms. Amanda Massey
Nella Oil Company
2349 Rickenbacker Way
Auburn, California 95602

LIMITATIONS

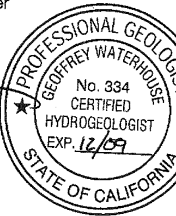
This work plan was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This work plan has been prepared for Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Ms. Paula Sime, ERI's project manager for this site, at (707) 766-2000 with questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.

COPY
Travis Finn
Assistant Project Manager

COPY
Geoffrey Y. Waterhouse
R.G. 5019
C.H.G. 334
C.E.G. 1561



Attachment: Reference

Plate 1: Site Vicinity Map
Plate 2: Generalized Site Plan

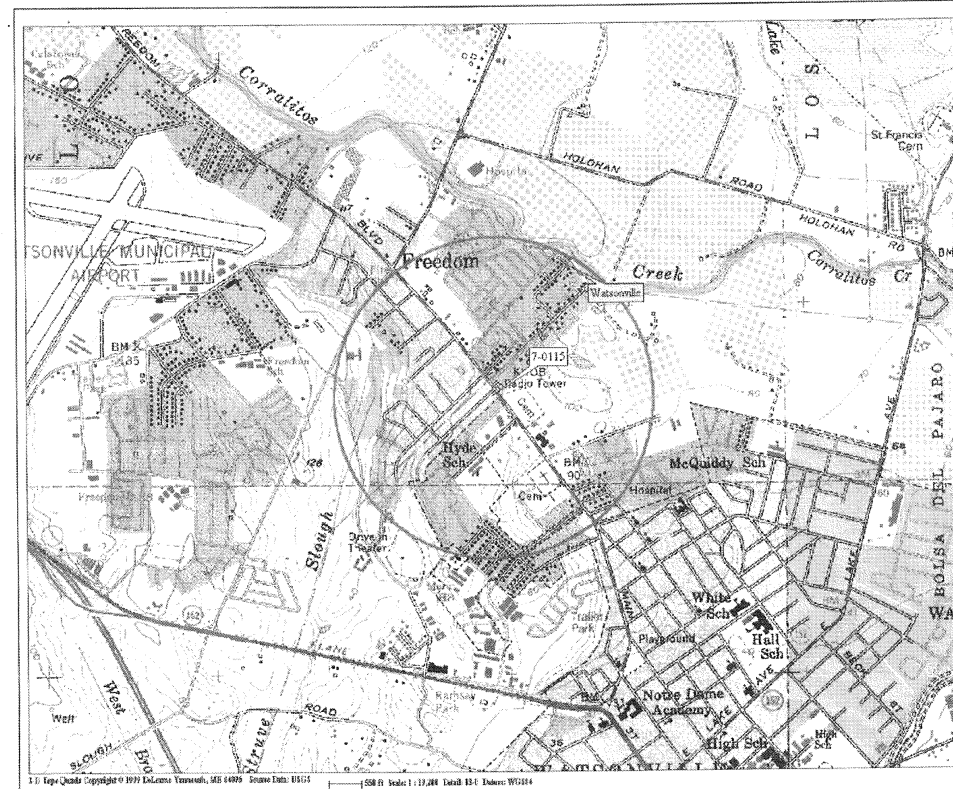
Attachment A: Site-Specific Equipment Notes and Requirements

REFERENCE

Environmental Resolutions, Inc. (ERI). October 27, 2004. *Work Plan to Perform Air Sparge and Soil Vapor Extraction Pilot Testing, Former Exxon Service Station 7-0115, 1455 Freedom Boulevard, Watsonville, California*

Environmental Resolutions, Inc. (ERI). April 17, 2007. *Groundwater Monitoring and Remediation Status Report, First Quarter 2007, Former Exxon Service Station 7-0115, 1455 Freedom Boulevard, Watsonville, California*

Environmental Resolutions, Inc. (ERI). August 10, 2007. *High Vacuum Dual-Phase Extraction Test, Former Exxon Service Station 7-0115, 1455 Freedom Boulevard, Watsonville, California*



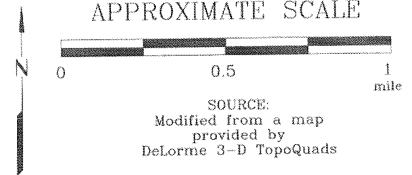
1:1 TopoQuads Copyright © 1997 DeLorme, Inc., ME 04069 Source Data: 19155 1:50,000 Scale: 1:17,000 Date: 12/1/04 DeLorme W0314

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EXPLANATION

1/2-mile radius circle

APPROXIMATE SCALE



Filename: 2129T0P0

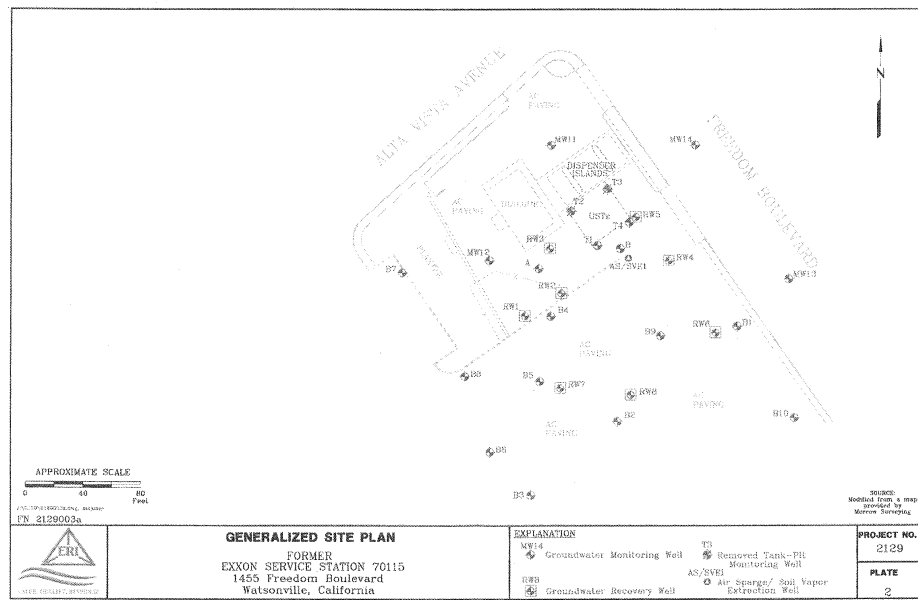


SITE VICINITY MAP

FORMER EXXON SERVICE STATION 70115
1455 Freedom Boulevard
Watsonville, California

PROJECT #
2129
PLATE
1

**ATTACHMENT A
SITE-SPECIFIC EQUIPMENT NOTES
AND REQUIREMENTS**



GENERALIZED SITE PLAN
FORMER
EXXON SERVICE STATION 70115
1455 Freedom Boulevard
Watsonville, California

EXPLANATION	
MW14	Groundwater Monitoring Well
TS	Recovery Tank-PH Monitoring Well
AS/SVRI	Air Sparger/ Soil Vapor Extraction Well
RW	Groundwater Recovery Well

PROJECT NO.	2129
PLATE	2

SOURCE:
Modified from a map
prepared by
Golder Associates

APPROXIMATE SCALE
0 20 40 Feet

CALIFORNIA REGISTERED PROFESSIONAL ENGINEER
FN 2129003a



SITE-SPECIFIC EQUIPMENT NOTES AND REQUIREMENTS
Former Exxon Service Station 70115
1455 Freedom Boulevard
Watsonville, California

Remediation System Description/Summary

The remediation system was designed according to the recommendations in the *High-Vacuum Dual-Phase Extraction Test* report, prepared by Environmental Resolutions, Inc. (ERI) and dated August 10, 2007. The results are based on measurements taken from wells A, B, and B4 and describe the conditions used to design the remediation system. Based on the pilot test, ERI expects a 0.4 gallon per minute (gpm) groundwater flow from the dual-phase extraction (DPE) well. This flow was achieved during the feasibility test by applying a vacuum of 18 inches of mercury (251 inches of water column [WC]) at a maximum flow of 52 standard cubic feet per minute (scfm).

Dual-Phase Extraction and Treatment System

The DPE system will be used to remove petroleum hydrocarbons in soil and groundwater. The DPE system consists of a 10-horsepower (hp), 240-volt (V), three-phase liquid-ring pump (LRP) capable of generating a maximum of 150 scfm and 29 inches of mercury (395 inches WC) vacuum, to simultaneously extract groundwater and soil vapor from soil vapor extraction (SVE) well (AS/SVE1) as shown on the attached Generalized Site Plan (Plate 2). Extracted liquid and vapor streams will be separated by an air-water separator and directed to the liquid and vapor abatement systems. The proposed equipment layout is shown on Plate 3.

After phase separation, extracted groundwater will be transferred into a holding tank, pumped through two bag filters and three 500-pound granular activated carbon (GAC) vessels arranged in series prior to discharge into the sanitary sewer. The groundwater treatment system is operation under the guidelines of a City of Watsonville Wastewater Discharge Permit. The revised City of Watsonville Wastewater Discharge Permit now includes a discharge limit of 12 micrograms per liter ($\mu\text{g/L}$) for tertiary butyl alcohol (TBA). The current system is not configured to treat for TBA and requires the addition of an ERI-500 bio-reactor for TBA and methyl tertiary butyl ether (MTBE) destruction.

During the feasibility test, extracted vapor-phase hydrocarbon concentrations were measured at 8,760 milligrams per cubic meter (mg/m^3). At this concentration and with known concentrations of chlorinated solvents, the appropriate abatement device is a vapor-phase carbon. After phase separation, extracted soil vapors will be passed through four 2,000-pound vapor-phase GACs prior to emission to the atmosphere. Operation of the vapor-phase abatement system will occur under the authority of the Monterey Bay Unified Air Pollution Control District (MBUAPCD).

The attached process and instrumentation diagram (P&ID) (Plate 4) includes the components, gauges, valves, switches, and other equipment necessary to modify and operate the system.

System Details

Electrical Power Available at the Site

230/240-V, three-phase, 100-amp power service exists at the site.

Equipment Electrical Classification

Outdoor application of electrical equipment, NEMA 4.

System Enclosure Requirements

The system will be constructed within the existing containment berm.

Total Equipment Size Limitations

The system will be constructed within the existing compound dimensions as depicted on the Proposed Equipment Layout (Plate 3).

Dual-Phase Extraction System

Liquid-Ring Pump

The liquid-ring pump (LRP) will be capable of generating 100 Inlet actual cubic feet per minute at 22 inches of mercury (300 inches of WC) vacuum. The LRP will be a skid-mounted unit with a LRP seal water tank, heat exchanger for the effluent vapor stream, main control panel, and air water separator. The air water separator will be an 80-gallon steel, vacuum-rated tank capable of operating under 29 inches of mercury (395 inches of WC) vacuum. The tank will come with a clean-out access and a full-length sight tube. The tank will be connected to the LRP with piping containing automatic and manual vacuum relief valves. The tank will include one transfer pump (P-2) sized to deliver water from the tank against high-vacuum pressure. A solenoid vacuum relief valve interlocked with the transfer pump will be necessary for pump operation. At high level the pump will come on and the solenoid valve will open and release the vacuum, allowing the pump to operate at atmospheric pressure. Pressure gauges will be used to monitor line pressure. Flow measurement will be taken using an averaging pitot tube with appropriate gauge in linear feet/minute.

Level controls in the air water separator will be designed such that:

- LSL - Turns pump P-2 off and closes the auto relief valve.
- LSH - Turns pump P-2 on and opens the auto relief valve.
- LSHH - Turns off LRP.
- LAHH - Panel mounted indicator light in the event of system shutoff at high/high (HH) level.

The LRP system will be relocated from Former Exxon Service Station 70228.

Groundwater Remediation System

Groundwater Pump

4-inch pneumatic pump capable of delivering 1.0 gpm at 30 feet of head.

The existing groundwater pumps will be used.

Air Compressor (C-1)

Compressor will be capable of providing for five pneumatic groundwater pumps under non-continuous operation.

The existing air compressor will be used.

Flow Control Tank (T-1)

150-gallon, black, high-density polyethylene tank with closed top with manway. Tank will come with bulkhead fittings on the sidewall to allow for water to gravity feed into the bio-reactor and on the lower sidewall to provide a manual drain. The tank will have a maximum 24-inch diameter to fit within compound.

Flow Control Tank (T-2)

500-gallon, black, high-density polyethylene tank with closed top with manway. Tank will come with bulkhead fitting on lower sidewall to allow for water to be pumped out of tank systematically. Tank will have a maximum 48-inch diameter to fit within compound.

Level controls in the flow control tank will be designed such that:

- LSL - Turns pump P-1 off.
- LSH - Turns pump P-1 on.
- LSHH - Turns off the LRP and groundwater pumps.
- LAHH - Panel mounted indicator light in the event of system shutoff at HH level.

The existing holding tank and level controls will be used

Transfer Pump (P-1)

Pump will be capable of pumping 5 gpm at 80 feet of head.

The existing transfer pump will be used.

Bag Filter (F-1&2)

Two bag filters will be installed upstream of the first liquid-phase carbon vessel.

The existing bag filters will be used.

Bag Filter (F-3)

One bag filter will be installed after the final carbon and before the sewer discharge point to prevent particulates from entering the sanitary sewer system.

The existing bag filter will be used.

Sump Pump (P-3)

The sump pump will be capable of generating 10 gpm at 30 feet of head.

The existing sump pump will be used.

Fluidized Bed Bio-Reactor

The bio reactor will be capable of processing low levels of MTBE and TBA at a sustained flow rate of approximately 5 gallons per minute.

ERI-500 Fluidized Bed Bio Reactor.

Liquid-Phase Carbons

Three liquid-phase carbon vessels (each containing 500-pound carbon, 36-inch diameter vessel on a 3-foot by 3-foot skid) will be plumbed in series.

The existing liquid-phase carbons will be used.

Totalizer

Totalizer should be calibrated. Flow rates will be monitored using 0-10 gpm totalizer flow meter.

The existing totalizer will be used.

Soil Vapor Remediation System

Vapor-Phase Carbons

Four vapor-phase carbon vessels (each containing 2,000-pound carbon, 48-inch diameter vessel on a 4-foot by 4-foot skid) will be plumbed in series.

The existing vapor-phase carbons will be used.

Dual-Phase Extraction and Remediation Controls

Control Panel

The control panel will be mounted on the LRP skid and will consist of an H/O/A switch, green run light, motor starter with overload protection, motor contactor, and a red fault indicator light for each latch circuit. Switches and lights are to be located on an interior swing out panel. The control panel will be able to integrate a 20-hp LRP, an EC-250 catalytic oxidizer, two ¾-hp transfer pumps, an air compressor, and a GFIC outlet.

The existing control panel will be used.

Equipment Delivery

An equipment vendor will deliver equipment care of Environmental Resolutions, Inc. to:

Former Exxon Service Station 70115
1455 Freedom Boulevard
Watsonville, California

Attachments: Plate 1: Site Vicinity Map
 Plate 2: Generalized Site Plan
 Plate 3: Proposed Equipment Layout
 Plate 4: Proposed Piping and Instrumentation Diagram

Bio-reactor Fluidized Bed Order Form
Tank Order Form

ExxonMobil

Bio-Reactor Fluidized Bed Order Form

Standard Fluidized Bed Bio-Reactor (Large) 5 ft diameter - ERI/BIO-4000

Options

- Oxygen booster for additional reactor capacity
- Electric Heater – 6,000 watts with thermostat other wattage
- Insulation blanket around sump and reactor
- Control panel upgrade to interface with integrated system controls
- Feed Drum, Instrumentation/metering pump for nutrient addition
- Feed drum, Instrumentation/metering pump for pH adjustment
- Vented dirty water sump cover with vapor extraction blower and air flow alarm for indoor operations
- Process water surge tank with internal submersible pump, pump down switch and Hi-Hi level switch
- Treated water surge tank with internal submersible pump, pump down switch and Hi-Hi level switch
- Cell phone to by-pass hook-up with local phone company
- Upgrade components (e.g. insulation, self-regulating heat tape, etc.) for freezing conditions
- Other

Standard Fluidized Bed Bio-Reactor (Small) 2 ft Diameter - ERI/BIO-500

Options

- Oxygen booster for additional reactor capacity
- Electric Heater – 6,000 watts with thermostat other wattage
- Insulation blanket around sump and reactor
- Control panel upgrade to interface with integrated system controls
- Feed Drum, Instrumentation/metering pump for nutrient addition
- Feed drum, Instrumentation/metering pump for pH adjustment

ExxonMobil

Tank Order Form

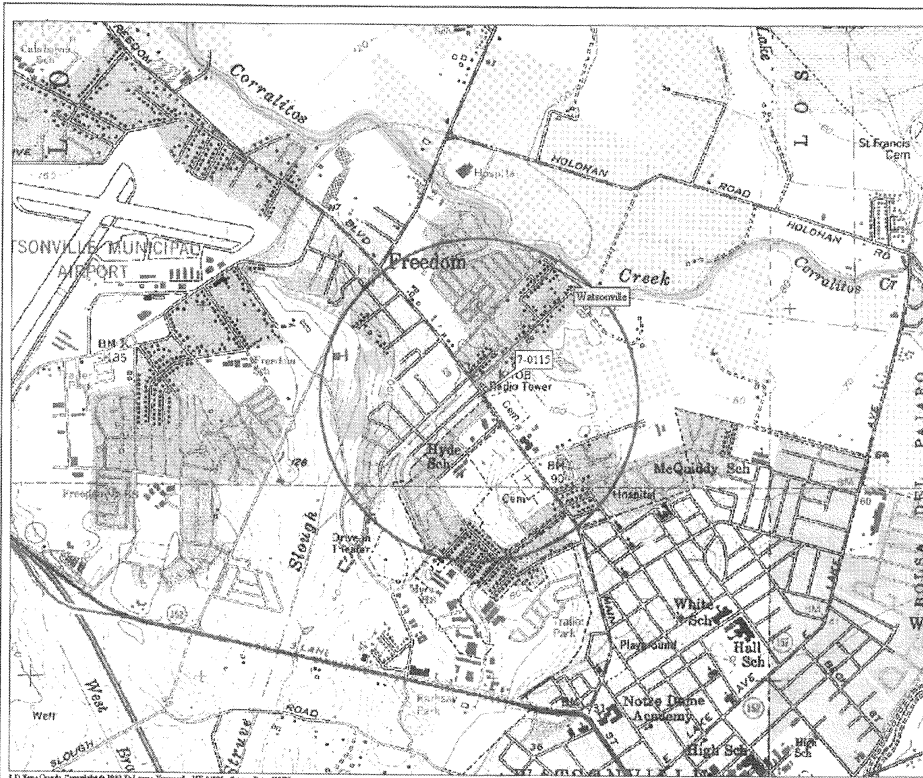
Standard Tank Size 150 (gallons)

Material

- Fiberglass reinforced plastic
- Polyethylene
- Steel

Options

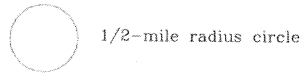
- Double wall construction
- Bulkhead fittings: Sizes _____
- Flanged fittings: Sizes _____
- Sight Glass
- Transfer pump with level switches
- Level Controls: Specify functions
- _____
- Other _____



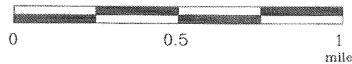
1 D TopoQuads Copyright © 1997 DeLorme Topographic, 22 14000 South Main Street, 10001
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EXPLANATION



APPROXIMATE SCALE



SOURCE:
 Modified from a map
 provided by
 DeLorme 3-D TopoQuads

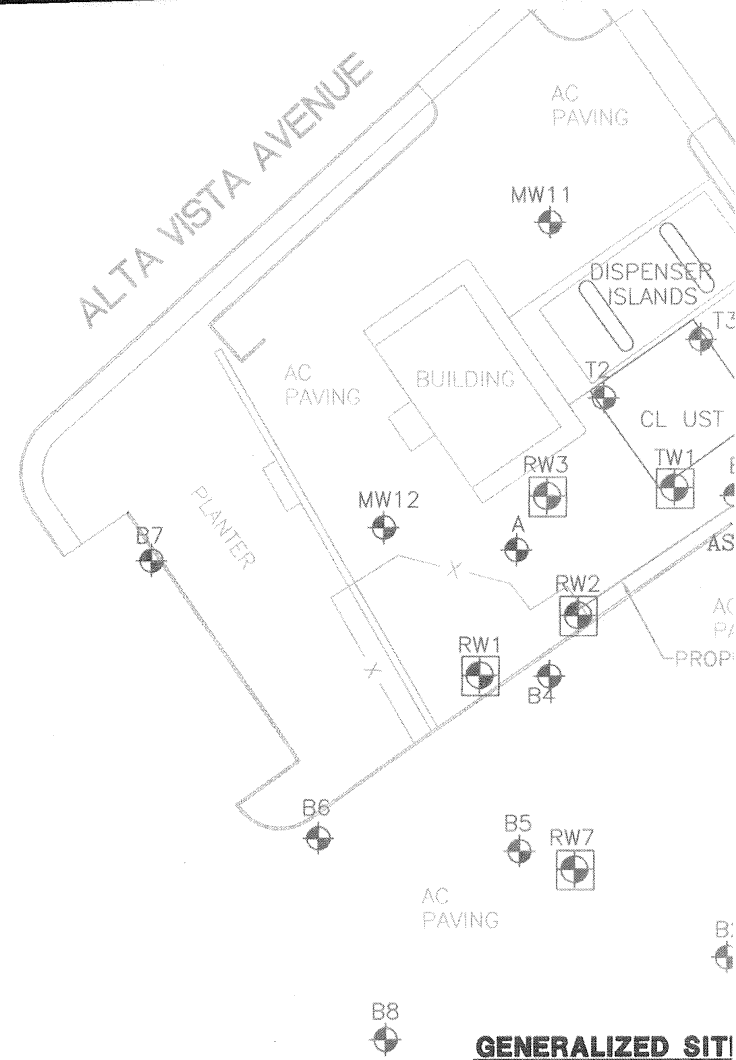
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SITE VICINITY MAP

FORMER EXXON SERVICE STATION 70115
 1455 Freedom Boulevard
 Watsonville, California

PROJECT	2129
PLATE	1



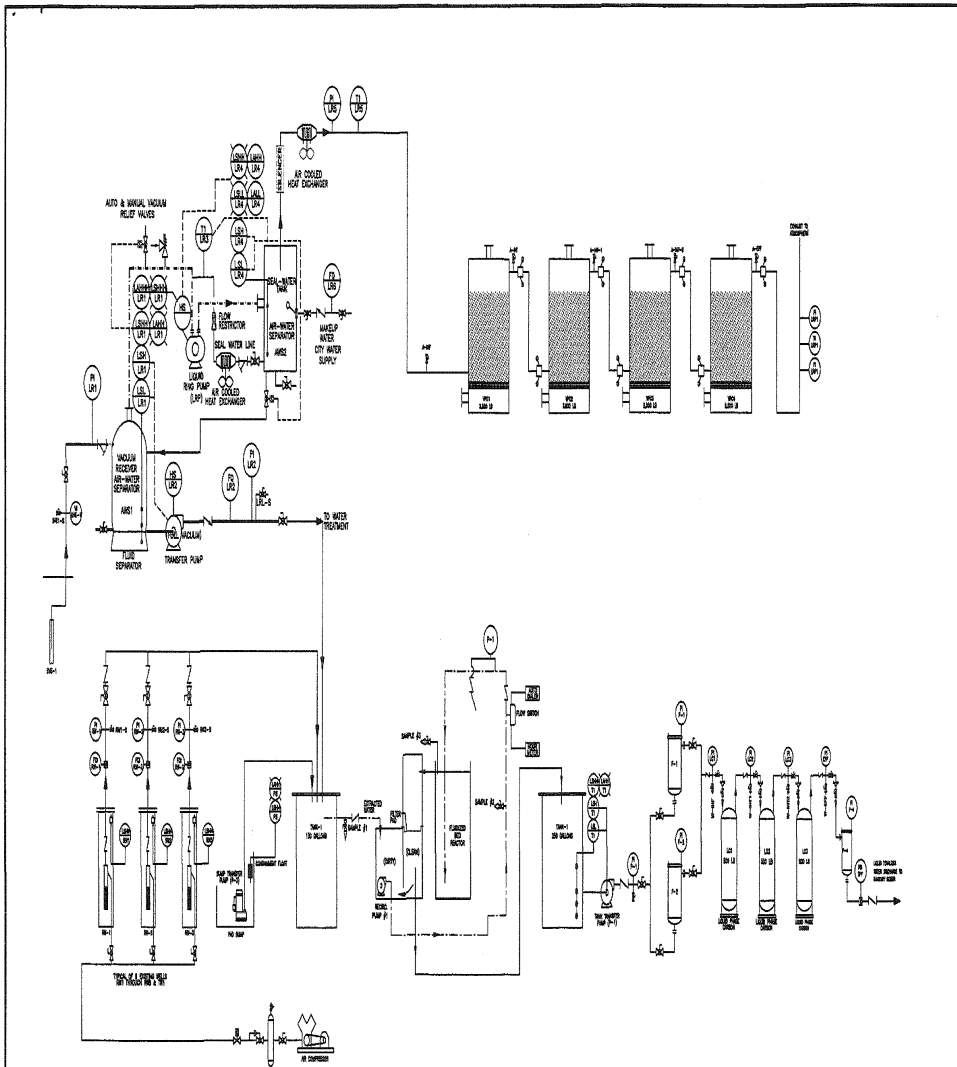
GENERALIZED SITE
 SCALE: 1/32" = 1'-0"

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DWG. #	2129 RETROFIT
Drawn/Approved	MTH/DAK
Plot Scale	AS NOTED
Date	08/01/07
Last Rev. Date	08/01/07
Project No.	2129
Sheet No.	3

Project
REMEDATION SYSTEM
 FORMER EXXON SERVICE STATION 70115
 1455 Freedom Boulevard
 Watsonville, California

Drawing
GENERALIZED

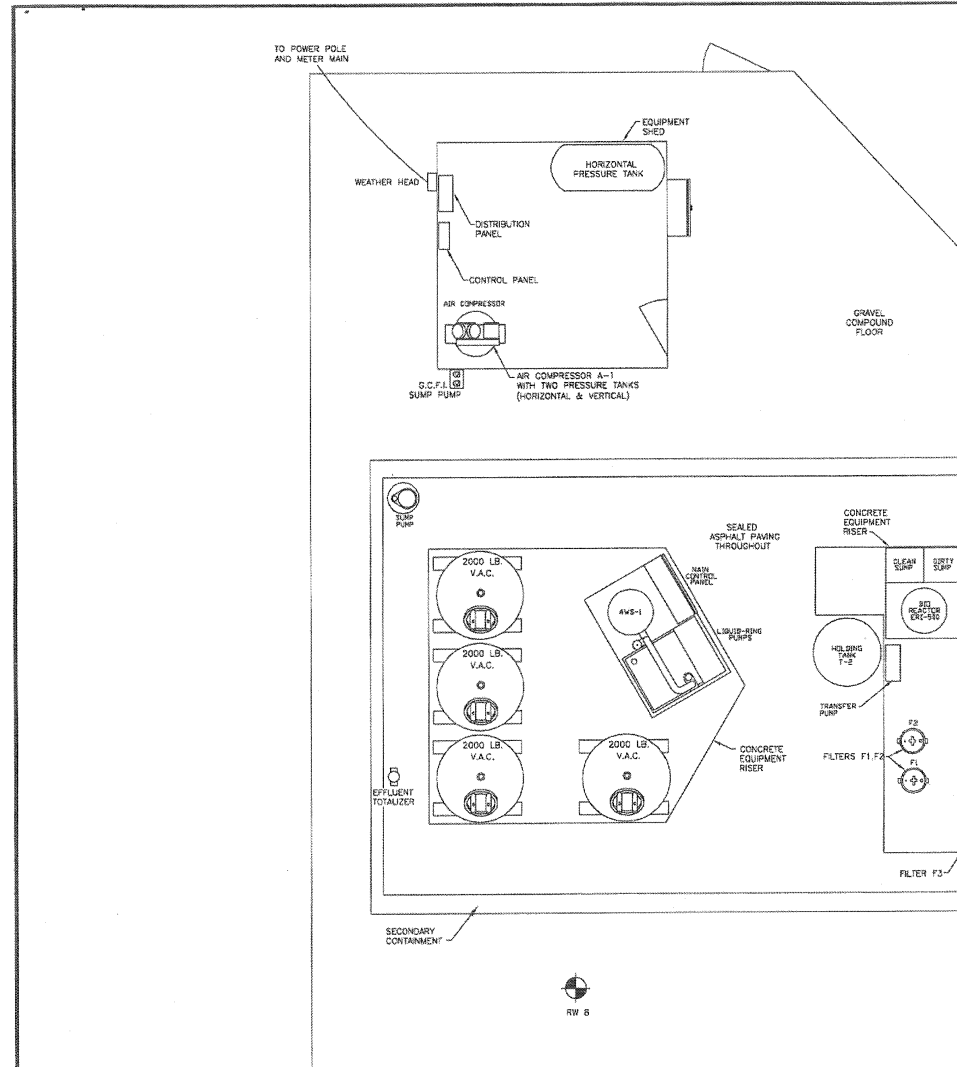


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Project
REMEDATION SYSTEM
 FORMER EXXON SERVICE STATION 70115
 1455 Freedom Boulevard
 Watsonville, California

Project
PROPOSED PIPING AND INSTRUMENTATION DIAGRAM

Diagram
P&ID



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Project
REMEDATION SYSTEM
 FORMER EXXON SERVICE STATION 70115
 1455 Freedom Boulevard
 Watsonville, California

Project
REMEDATION SYSTEM
 FORMER EXXON SERVICE STATION 70115
 1455 Freedom Boulevard
 Watsonville, California

Drawing
EQUI



R. Angelo
5/4/07
Southern California
Northern California
Pacific Northwest
Southwest
Texas
Montana

RECEIVED

APR 23 2007

ENVIRONMENTAL
HEALTH SERVICES

April 17, 2007
ERI 212913.Q071

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

SUBJECT Groundwater Monitoring and Remediation Status Report, First Quarter 2007
Former Exxon Service Station 7-0115
1455 Freedom Boulevard, Watsonville, California

INTRODUCTION

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2007 groundwater monitoring and sampling and remedial activities at the subject site. This report covers activities from December 31, 2006, through March 22, 2007. Relevant tables, plates, and attachments are included at the end of this report. The location of the site is shown on the Site Vicinity Map (Plate 1). Currently, the site operates as a service station.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging date:	02/06/07
Sampling dates:	02/06/07 and 02/07/07
Wells gauged and sampled:	RW4, A, B, B1 through B10, MW11 through MW14, T1
Wells gauged only:	RW1 through RW3, RW5 through RW8
Remediation system status on sampling date:	GET system inactive
Presence of NAPL:	Not observed
Depth to groundwater:	4.96 to 15.32
Groundwater elevation:	68.41 to 82.88
Groundwater flow direction	S17W
Hydraulic gradient:	0.028
Laboratory	TestAmerica Analytical Testing Corporation Nashville, Tennessee
Analyses performed:	EPA Method 8015B TPHg EPA Method 8021B BTEX EPA Method 8260B MTBE, TAME, EDB, 1,2-DCA, ETBE, DIPE, TBA, Ethanol (select samples)
Waste Disposal:	322 gallons purge and decon water transferred to GET System on 02/07/07

Environmental Resolutions, Inc.

601 North McDowell Blvd., Petaluma, CA 94954-2312 | Tel: 707.766.2000 | Fax: 707.789.0414 | Contractor # A/C10-611383

ERI 212913.Q071 Former Exxon Service Station 7-0115, Watsonville, California

April 17, 2007

Field Work and Methods

ERI measured depth to water (DTW) and collected groundwater samples in the previously listed wells on February 6 and 7, 2007, and submitted the groundwater samples to TestAmerica Analytical Testing Corporation (TestAmerica) of Nashville, Tennessee, a California state-certified laboratory, under Chain-of-Custody protocol. Work was performed in accordance with ERI's groundwater sampling protocol (Attachment A). Samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) using Environmental Protection Agency (EPA) Method 8015B; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; and methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), 1,2-dibromoethane (EDB), 1,2-dichloroethane (1,2-DCA), di-isopropyl ether (DIPE), and ethanol using EPA Method 8260B. Laboratory analytical reports and Chain-of-Custody records are provided in Attachment B.

Groundwater monitoring and sampling results from the current quarter are summarized in Table 1. Select analytical results from the current quarter are shown on Plate 2. Cumulative groundwater monitoring and sampling data are summarized in Tables 2A and 2B. A groundwater elevation map is presented on Plate 3. Isoconcentration maps showing TPHg, benzene, and MTBE concentrations during the current quarter are shown on Plates 4, 5, and 6, respectively. Property boundaries and land use in the vicinity of the site are shown on Plate 7.

Results of Groundwater Monitoring and Sampling

Groundwater monitoring data indicate that the groundwater flow direction beneath the site under non-pumping conditions is S17W. The average gradient measured in the immediate site vicinity is 0.028. The gradient increases southwest of the site, between wells B5 and B8, to 0.18. Groundwater elevations during the first quarter 2007 decreased in six wells, increased in 19 wells, and remained the same in one well, compared to the elevations reported during the previous quarter.

Total petroleum hydrocarbons as gasoline were detected above laboratory reporting limits in wells RW4, A, B, B4, B5, and B9 with a maximum concentration of 6,010 micrograms per liter (µg/L) in well B4. Concentrations of MTBE were detected above laboratory reporting limits in wells A, B, B2, B4, B5, B6, B7, B8, and T1 with a maximum concentration of 24.3 µg/L in well B5. Benzene was detected above laboratory reporting limits in wells RW4, A, B, B4, B5, and B9, with a maximum concentration of 218 µg/L in well B9. Toluene was detected in wells RW4, B, B5, and B9 at a maximum concentration of 17.6 µg/L in well B9. Ethylbenzene was detected above laboratory method reporting limits in wells RW4, A, B, B4, B5, and B9, with a maximum concentration of 532 µg/L in well B4. Total xylenes were detected above laboratory method reporting limits in wells RW4, A, B, B4, B5, and B9 with a maximum concentration of 25.9 µg/L in well B. Tertiary butyl alcohol was detected in well A above laboratory reporting limits at 63.9 µg/L. Ethanol, ETBE, TAME, EDB, 1,2-DCA, and DIPE were not detected at or above the laboratory reporting limits in the wells sampled this quarter.

REMEDIATION SYSTEM SUMMARY

Groundwater Extraction and Treatment System

The groundwater extraction and treatment (GET) system at the site is currently shut down pending retrofit. The system was temporarily started up on February 14, 2007, to process groundwater generated during the quarterly monitoring and sampling event and a 24-hour dual-phase extraction (DPE) feasibility test, and was shut down at the conclusion of the test.

The GET system extracts groundwater from nine recovery wells (RW1 through RW8 and T1) using submersible pneumatic pumps. Extracted groundwater is directed through particulate filters and two 1,000-pound granular activated carbon vessels prior to discharge to the sanitary sewer. ERI collects water samples monthly at influent, intermediate, and effluent sample ports to ensure compliance with the discharge permit. The GET system was shut down on August 16, 2006, pending retrofit.

System start-up date: GET System September 1994

System discharge permits: GET System City of Watsonville
Source Control Department
Permit No. 036-07-GW
MBUAPCD Permit to Operate No. 7823

Reporting period: 12/31/06 – 03/31/07

System modifications during reporting period: None

System status during reporting period: GET System Inactive (temporarily operated for DPE pilot test)

System Performance:

GET System

Period	Volume of Groundwater Treated (gal)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
12/31/06 – 02/22/07	740	<0.05	<0.003	0.00
To Date	13,941,415	<27.9	<0.845	<56.2

STATUS OF INVESTIGATION

In August 2006, the GET system was shut down for blower repairs. At that time, ERI reviewed concentration trends and operation and performance data for the GET system and evaluated the options to repair the existing remediation system or consider other remedial alternatives for the site. The GET system was primarily designed to remediate MTBE in groundwater beneath and downgradient of the site and inhibit the migration of dissolved hydrocarbons in groundwater. Concentrations of dissolved MTBE in the system influent samples and in the groundwater monitoring wells showed consistent declining trends. At the time the system was shut down for repair in August 2006, MTBE concentrations in groundwater samples collected from the system influent and groundwater monitoring wells were near laboratory reporting limits.

Concentrations of TPHg and benzene remain above laboratory reporting limits in groundwater monitoring wells A, B, B4, B5, and B9, and groundwater recovery well RW4. During the first quarter 2007, the maximum TPHg and benzene concentrations were in wells B4 (TPHg at 6,010 ug/L) and B9 (benzene at 218 ug/L), respectively. Dissolved TPHg and benzene concentrations in the groundwater sample collected from well AS/SVE1 were 24,000 and 550 ug/L, respectively, during the second quarter 2006 monitoring and sampling event. Dissolved TPHg and benzene concentrations are currently centered in the area of wells AS/SVE1, B, B4, and B9, as shown on Plates 4 and 5.

The soil vapor extraction (SVE) casing of AS/SVE1 is screened from 4 to 9 fbs. This interval has historically been within the vadose sediment and not submerged on a consistent basis; however, during the installation of well AS/SVE1 in March 2006, groundwater was encountered at 4 fbs, and depth to groundwater has consistently ranged between 6 to 7 fbs during subsequent monitoring events. The groundwater levels in AS/SVE1 indicate it may be better suited for use as a DPE well than an air sparge (AS)/SVE well. ERI discussed plans to conduct DPE feasibility testing rather than AS/SVE testing with The California Regional Water Quality Control Board, Central Coast Region (the Regional Board), in December 2006. The Regional Board approved the change of remedial approach, and DPE feasibility

testing was conducted in February 2007. Results of the DPE feasibility testing will be submitted under separate cover during the second quarter 2007.

First Quarter 2007

During this reporting period, ERI conducted quarterly groundwater monitoring and sampling and DPE feasibility testing. The GET system operated temporarily to process water generated during DPE feasibility testing; however, the system was shut down at the conclusion of feasibility testing and will remain shut down pending retrofit.

Second Quarter 2007

ERI anticipates performing quarterly monitoring and sampling in May 2007. Additionally, ERI will submit the results of DPE feasibility testing.

CONCLUSION

Groundwater elevations, groundwater flow direction, and dissolved-phase petroleum hydrocarbon concentrations are consistent with the historical data for the site.

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. John Mijares
California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401

Ms. Rebecca Supplee
Santa Cruz County Health Services Agency
Environmental Health Services
701 Ocean Street, Room 312
Santa Cruz, California 95060

Ms. Amanda Massey
Nella Oil Company
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Vice President of Property Management
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Mr. Chris Tessitore
Senior Vice President and Assistant General Counsel
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Mr. J.M. Tolley, President
Cha Cha Enterprises, L.L.C.
P.O. Box 3288
San Jose, California 95156

Ms. Mitra Sadeghzadeh
1455 Freedom Boulevard
Watsonville, California 95076

LIMITATIONS

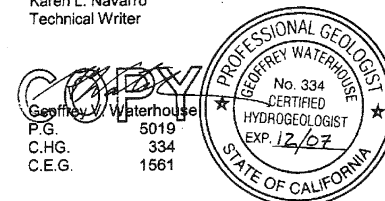
This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Ms. Paula Sime, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,
Environmental Resolutions, Inc.



Karen L. Navarro
Technical Writer



Geoffrey V. Waterhouse
P.G. 5019
C.H.G. 334
C.E.G. 1561

- Attachments:
- Table 1: Current Groundwater Monitoring and Sampling Data
 - Table 2A: Cumulative Groundwater Monitoring and Sampling Data
 - Table 2B: Additional Cumulative Groundwater Monitoring and Sampling Data
 - Table 3: Well Construction Details
 - Table 4: Sampling Schedule
 - Table 5: Operation and Performance Data for Groundwater Extraction and Treatment System

- Plate 1: Site Vicinity Map
- Plate 2: Select Analytical Results
- Plate 3: Groundwater Elevation Map
- Plate 4: TPHg Isoconcentration Map
- Plate 5: Benzene Isoconcentration Map
- Plate 6: MTBE Isoconcentration Map
- Plate 7: Property Boundaries and Land Use (Surrounding Area)

- Attachment A: Groundwater Sampling Protocol
- Attachment B: Field Notes, Laboratory Analytical Reports, and Chain-of-Custody Records



R. Sedlachek
4/17/06

March 27, 2006
ERI 212913.Q061

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

SUBJECT Groundwater Monitoring and Remediation Status Report, First Quarter 2006
Former Exxon Service Station 7-0115
1455 Freedom Boulevard, Watsonville, California

INTRODUCTION

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2006 groundwater monitoring and sampling at the subject site. This report covers activities from November 10, 2005, through February 10, 2006. Relevant tables, plates and attachments are included at the end of this report. The location of the site is shown on the Site Vicinity Map (Plate 1). Currently, the site operates as a service station.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging date:	01/05/06
Sampling date:	01/05/06 and 01/06/06
Wells gauged and sampled:	RW4, A, B, B3 through B10, MW11 through MW14, T1
Wells gauged only:	RW1 through RW3, RW5 through RW8, B1, B2
Remediation system status on sampling date:	GET system inactive
Presence of NAPL:	Not observed
Groundwater Depth:	3.81 to 14.72 feet below top of casing
Groundwater Elevation:	69.01 to 84.84 feet above mean sea level
Groundwater Flow Direction	S20W
Hydraulic Gradient:	0.028
Laboratory	Test America Incorporated, Nashville, Tennessee
Analyses performed:	EPA Method 8015B TPHg EPA Method 8021B BTEX EPA Method 8260B MTBE, TBA, TAME, ETBE, DIPE, 1,2-DCA, EDB, Ethanol
Waste Disposal:	306 gallons purge and decon water transferred to the GET system on 01/06/06

601 North McDowell Boulevard, Petaluma, California 94954 707-766-2000 FAX 707-789-0414

Field Work and Methods

ERI measured depth to water (DTW) in the previously listed wells on January 5, 2006. ERI collected groundwater samples on January 5 and 6, 2006, and submitted the groundwater samples to TestAmerica Incorporated (TestAmerica), a California state-certified laboratory, under Chain-of-Custody protocol. Work was performed in accordance with ERI's groundwater sampling protocol (Attachment A). Samples were analyzed for total petroleum hydrocarbons as gasoline using EPA Method 8015B; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; and methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), 1,2-dibromoethane (EDB), 1,2-dichloroethane (1,2-DCA), di-isopropyl ether (DIPE), and ethanol using EPA Method 8260B. Laboratory analytical reports and Chain-of-Custody records are provided in Attachment B.

Groundwater monitoring and sampling results from the current quarter are summarized in Table 1. Select analytical results from the current quarter are shown on Plate 2. Cumulative groundwater monitoring and sampling data are summarized in Tables 2A and 2B. A groundwater elevation map is presented on Plate 3. Isoconcentration maps showing TPHg, benzene, and MTBE concentrations during the current quarter are shown on Plates 4, 5, and 6, respectively. Property boundaries and land use in the vicinity of the site are shown on Plate 7.

Results of Groundwater Monitoring and Sampling

Groundwater monitoring data indicate that the groundwater flow direction beneath the site is variable. However, an average calculated near the southwest corner of the USTs yields a flow direction of S20W, with a gradient of 0.028. Generally, groundwater elevations during the first quarter 2006 increased compared to the elevations reported during the previous quarter.

Total petroleum hydrocarbons as gasoline were detected above laboratory reporting limits in wells RW4, A, B, B4, B5, and B9, at a maximum concentration of 6,830 micrograms per liter (µg/L) in well B4. Concentrations of MTBE were detected above laboratory reporting limits in wells B4, B5, B6, B8, and T1 at a maximum concentration of 44.7 µg/L in well B5. Benzene was detected above laboratory reporting limits in wells RW4, A, B, B4, B5, B9, and B10, at a maximum concentration of 47.6 µg/L in well B5. Toluene was detected above laboratory method reporting limits in wells RW4, B, B4, B5, and B9 at a maximum concentration of 4.62 µg/L in well B. Ethylbenzene was detected above laboratory method reporting limits in wells RW4, A, B, B4, B5, B9, and B10, at a maximum concentration of 967 µg/L in well B4. Xylenes were detected above laboratory method reporting limits in wells RW4, A, B, B4, B5, B8, B9, and B10 at a maximum concentration of 27.5 µg/L in well B4. Ethanol was detected above laboratory method reporting limits in wells B5, B6, and B8, at a maximum concentration of 440 µg/L in well B5. Concentrations of ETBE, TAME, TBA, EDB, 1,2-DCA, and DIPE were not detected at or above the laboratory reporting limits in any of the wells sampled this quarter.

REMEDIATION SYSTEM SUMMARY

Groundwater Extraction and Treatment System

The GET system extracts groundwater from nine recovery wells (RW1 through RW8 and T1) using submersible pneumatic pumps. Extracted groundwater is directed through particulate filters and two 1,000-pound granular activated carbon vessels prior to discharge to the sanitary sewer. ERI collects water samples monthly at influent, intermediate, and effluent sample ports to ensure compliance with the discharge permit. The GET system was shut down on November 10, 2005, for equipment repair.

System Performance:

GET System

Period	Volume of Groundwater Treated (gal)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
To Date	12,942,475	<27.3	<0.830	<55.5

System start-up dates: GET System September 1994

System discharge permits: GET System City of Watsonville
Source Control Department
Permit No. 036-07-GW
MBUAPCD Permit to Operate No. 7823

Reporting period: 11/10/05 – 02/10/06

System modifications during reporting period: None

System status during reporting period: GET System Inactive

STATUS OF INVESTIGATION

First Quarter 2006

During this reporting period, ERI conducted quarterly groundwater monitoring and sampling, and completed GET system repairs. ERI is working with the property owner to complete permit signature requirements for the AS/SVE well installation.

Second Quarter 2006

ERI anticipates performing quarterly monitoring and sampling during April 2006, and operation and maintenance of the GET system. ERI will continue permitting and coordinating well installation, as needed, and anticipates installing well AS/SVE1 during second quarter 2006.

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. John Mijares
California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401

Ms. Rebecca Supplee
Santa Cruz County Health Services Agency
Environmental Health Services
701 Ocean Street, Room 312
Santa Cruz, California 95060

Ms. Amanda Massey
Nella Oil Company
2360 Lindbergh Street
Auburn, California 95602

LIMITATIONS

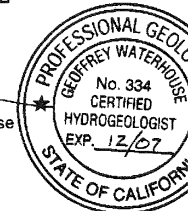
This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Ms. Paula Sime, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,
Environmental Resolutions, Inc.

Karen L. Navarro
Karen L. Navarro
Technical Writer

COPY
Geoffrey V. Waterhouse
P.G. 5019
C.H.G. 334
C.E.G. 1561



- Attachments:
- Table 1: Current Groundwater Monitoring and Sampling Data
 - Table 2A: Cumulative Groundwater Monitoring and Sampling Data
 - Table 2B: Additional Cumulative Groundwater Monitoring and Sampling Data
 - Table 3: Well Construction Details
 - Table 4: Sampling Schedule
 - Table 5: Operation and Performance Data for Groundwater Extraction and Treatment System
-
- Plate 1: Site Vicinity Map
 - Plate 2: Select Analytical Results
 - Plate 3: Groundwater Elevation Map
 - Plate 4: TPHg Isoconcentration Map
 - Plate 5: Benzene Isoconcentration Map
 - Plate 6: MTBE Isoconcentration Map
 - Plate 7: Property Boundaries and Land Use
-
- Attachment A: Groundwater Sampling Protocol
 - Attachment B: Field Notes, Laboratory Analytical Report, and Chain-of-Custody Record



Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board Central Coast Region

Internet Address <http://www.swrcb.ca.gov/~rvqcb3>
81 Higuera Street, Suite 200, San Luis Obispo, California 93401-5427
Phone (805) 549-3147 • FAX (805) 543-0397



Gray
Govt

September 12, 2002

Ms. Barbara Wozniak
Nella Oil Company
2349 Richenbacher Way
Auburn, CA 95602

Dear Ms. Wozniak:

UGT: 1455 FREEDOM BLVD., WATSONVILLE; FORMER EXXON SERVICE STATION 7-0115; RESPONSE TO UST INVESTIGATION & ENHANCED LEAK DETECTION REPORTS

Regional Board staff has reviewed your June 25, 2002 and August 27, 2002 submittals containing results of the underground storage tank (UST) system investigation and Enhanced Leak Detection tracer test results, respectively.

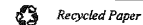
The UST system investigation indicates the facility meets all current construction and monitoring standards, and conventional tightness testing procedures and leak detection monitoring indicate the system is "tight." However, Enhanced Leak Detection (ELD) tracer testing detected low levels of tracers added to the tanks around tank 1 and vapor recovery piping. The ELD report indicates tracer to total volatile hydrocarbon vapor ratios detected at the site are characteristic of "vapor only releases." The ELD test was unable to pinpoint a potential release source, although, your August 27, 2002 cover letter indicates Nella Oil is currently trying to retain a contractor who can locate and repair the suspected release source(s).

We also received Santa Cruz County Health Services Agency's (SCCEHS) July 15, 2002 letter, and are in concurrence with its recommendations. Although the three single walled fiberglass USTs and cathodically protected single walled piping meet minimum design standards for UST systems, the proximity of two municipal drinking water wells warrants system modifications and upgrades to meet current industry standards for secondary containment and testing pursuant to Underground Storage Tank Regulations (Title 23, Division 3, Chapter 16, California Code of Regulations) and SB 989.

Please provide a report documenting the identification and repair of the release source(s) demonstrated by the ELD test results to this office and SCCEHS by **March 28, 2003**. Additional testing will be required verifying the release source(s) were adequately repaired.

The Regional Board needs the required report to verify the UST system has been repaired to abate future releases and impacts to soil and groundwater quality. You are required to submit this information as the responsible party for this former underground tank facility and because the confirmed presence of petroleum hydrocarbons in groundwater beneath the former UST facility pose a threat to groundwater quality. More detailed information is available in the Regional Board's public file on this matter. Regional Board requests are made pursuant to Section 13267 of the California Water Code (CWC). Pursuant to Section 13268 of the CWC, a violation of a request made pursuant to CWC Section 13267 may subject you to civil liability of up to \$1,000 per day. Any person affected by this action of the Regional Board may petition the State Water Resources Control Board (State Board) to review the action in accordance with section 13320 of the CWC and Title 23, California Code of Regulations, Section 2050. The petition

California Environmental Protection Agency



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WATER DIVISION

Ms. Barbara Wozniak


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September 12, 2002

must be received by the State Board within 30 days of the date of this order. Copies of the law and regulations applicable to filing petitions will be provided upon request.

If you have questions regarding this matter, please contact Matthew Keeling at (805) 549-3685, or Jay Can at (805) 549-3699.

Sincerely,


Roger W. Briggs
Executive Officer

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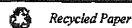
cc:

Ms. Rebecca Supplee
Santa Cruz County Environmental Health Services
Environmental Health Services
701 Ocean Street, Room 312
Santa Cruz, CA 95060

Mr. Keith Romstad
Environmental Resolutions, Inc.
73 Digital Drive, Suite 100
Novato, CA 94949

Ms. Marla Guensler
ExxonMobil Oil Corporation
121 East Birch Ave., Suite 408G
Flagstaff, AZ 86001

California Environmental Protection Agency



Jennifer C. Sedlachek
Project Manager

4096 Piedmont Avenue #194
Oakland, California 94611
510.547.8196
510.547.8706 Fax
jennifer.c.sedlachek@exxonmobil.com

ExxonMobil
Refining & Supply

March 27, 2006

Mr. John Mijares
California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401

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ENVIRONMENTAL
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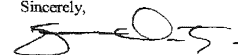
RE: Former Exxon RAS #7-0115/1455 Freedom Boulevard, Watsonville, California.

Dear Mr. Mijares:

Attached for your review and comment is a copy of the letter report entitled *Groundwater Monitoring and Remediation Status Report, First Quarter 2006*, dated March 27, 2006, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring, sampling, and remedial activities for the subject site.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,


FOR
Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Groundwater Monitoring and Remediation Status Report, First Quarter 2006, dated March 27, 2006.

cc: w/ attachment
Ms. Rebecca Supplee, Santa Cruz Health Services Agency, Environmental Health Services
Ms. Amanda Massey, Nella Oil Company

w/o attachment
Ms. Paula Sime, Environmental Resolutions, Inc.

An ExxonMobil Subsidiary



California Regional Water Quality Control Board
Central Coast Region

Linda S. Adams
Secretary for
Environmental Protection

Internet Address: <http://www.waterboards.ca.gov/centralcoast>
895 Aerovista Place - Suite 101, San Luis Obispo, CA 93401-7906
Phone (805) 549-3147 • FAX (805) 543-0397

Arnold Schwarzenegger
Governor

ES
R. Adams
8/24/07

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August 20, 2007

To property owners, residents, and other interested parties:

PUBLIC NOTIFICATION

UST: SPEEDEE OIL CHANGE (FORMER CHEVRON SERVICE STATION #9-7517) – 1488 FREEDOM BOULEVARD, WATSONVILLE, SANTA CRUZ COUNTY; – NOTICE OF PROPOSED DISCHARGE OF HIGHLY TREATED GROUNDWATER TO SURFACE WATERS

This letter is to inform you of a proposed discharge of treated groundwater to a storm drain near Speedee Oil Change, 1488 Freedom Boulevard, Watsonville, Santa Cruz County. The Central Coast Regional Water Quality Control Board (Central Coast Water Board) requires public notification for discharges of highly treated groundwater to surface waters under NPDES General Permit No. CA G993002, Order No. R3-2006-0067. Mr. David Hart and Lola Hart Family Trust (Property Owners) agree to comply with all conditions contained in the General Permit and to ensure the protection of human health and the environment. This letter describes the nature of the groundwater contamination, the proposed treatment system, and the proposed discharge.

A Chevron Service Station operated at the site from 1958 to 1984. Chevron is responsible for the investigation and clean up of petroleum hydrocarbons that have leaked into soil and groundwater as a result of the operation of the former service station. During construction of the recently installed Speedee Oil Change facility, contaminated soil and groundwater were removed from the site. The proposed groundwater discharge is due to the possible need for dewatering in the vicinity of the building that includes a below-ground service bay. A french drain consisting of a four-inch diameter perforated pipe approximately nine feet below ground surface to collect groundwater from the perimeter of the building which will drain into a grated sump on the west side of the building. The groundwater in the sump will then be treated to drinking water standards, or to standards protective of aquatic life, using a particulate pre-filter, and three 200-pound carbon filters connected in a series. The effluent from the treatment system will discharge into a storm drain along Freedom Boulevard. The storm drain ultimately discharges to an unnamed creek that drains into Watsonville Slough. Treatment system redundancy, routine inspection, maintenance, and confirmation sampling will ensure that the discharge will pose no significant threat to water quality and the environment.

If you have questions or comments or objections regarding the proposed discharge, please call **John Mijares at (805) 549-3696**. Otherwise, you may submit a response to

California Environmental Protection Agency

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1488 Freedom Blvd, Wats, Former Chevron Service Station, Site Mit, 2007

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Property owners, residents,
and interested parties

- 2 -

August 20, 2007

us in writing by no later than **September 17, 2007**. If we do not receive significant comments or objections by the comment period closing date, the Executive Officer of the Central Coast Water Board will authorize the discharge under NPDES General Permit No. CA G993002, Order No. R3-2006-0067.

Sincerely,


for Roger W. Briggs
Executive Officer

S:\USTV\Regulated Sites\Santa Cruz Co\Watsonville\1488 Freedom Blvd\General NPDES Public Notice 15aug07.doc

cc:

Mr. Greg Barton
Chevron Environmental Management Company
P.O. Box 6012
San Ramon, CA 94583-0904

Mr. Jim Crowley
City of Watsonville
P.O. Box 50000
Watsonville, CA 95077-5000

Mr. Brady Nagle
SAIC
401 Alberto Way, Suite B
Los Gatos, CA 95032

Mr. Rebecca Supplee
Santa Cruz County Env Health Services
701 Ocean Street, Rm 312
Santa Cruz, CA 95060

Mr. David Hart
151 Via Del Sol
Watsonville, CA 95076

California Environmental Protection Agency

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Executive Summary
Former Chevron Service Station #9-7517
Quarterly Monitoring Report

Quarter..... Third Quarter 2007
Sample Date..... July 24, 2007
Report Deadline..... October 20, 2007

Groundwater Data

Groundwater Gradient (ft/ft) 0.002 - 0.005
Groundwater Flow Direction Variable
Depth to Groundwater (ft bgs) 3.06 - 6.25

Highest MTBE Concentration

Well Name MW-8
MTBE Detection Date July 24, 2007
MTBE Concentration (µg/L) 1

Third Quarter 2007 Groundwater Concentrations in Micrograms per Liter (µg/L)

WELL ID	MW-4	MW-5	MW-7	MW-8
MTBE	<0.5	<0.5	<0.5	1
TPHg	4,700	<50	540	3,900
Benzene	21	<0.5	13	30
Toluene	19	<0.5	0.8	30
Ethylbenzene	100	<0.5	0.9	160
Xylenes	100	<0.5	2	110
1,2-DCA	3	4	<0.5	3

R. Supplee
11/8/07

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ENVIRONMENTAL
HEALTH SERVICES

1488 Freedom Blvd



October 19, 2007

DCN: C00-SAI-97517-01-13210

Mr. John Mijares
Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401-7906

Re: **Third Quarter 2007 Groundwater Monitoring and Sampling Results**
Former Chevron Service Station 9-7517
1488 Freedom Boulevard
Watsonville, California

Dear Mr. Mijares:

On behalf of Chevron Environmental Management Company (Chevron), Science Applications International Corporation (SAIC) presents the Third Quarter 2007 groundwater monitoring and sampling results for the above-referenced site. SAIC has prepared this report in compliance with the site reporting requirements set forth in Monitoring and Reporting Program (MRP) No. R3-2006-0033, issued by the Regional Water Quality Control Board, Central Coast Region (RWQCB) on February 21, 2006.

SITE DESCRIPTION

The Site is a former Chevron service station located at the northeast corner of the intersection of Freedom Boulevard at Gardner Boulevard in Watsonville, California (Figure 1). Since the Chevron station's closure, several businesses have operated on the property. The former Chevron service station operated from 1958 to 1984 and included two product islands, two 7,000-gallon gasoline underground storage tanks (USTs), one 3,000-gallon gasoline UST and one 500-gallon waste oil UST. The underground fueling facilities, station building and product islands were removed from the site in 1984. Currently, a SpeedDee Oil Change facility is being constructed on the property.

A 1-mile radius well survey to identify potential sensitive receptors was performed and summarized by Delta Environmental Consultants, Inc./RRM, Inc. (Delta/RRM) in their *Well Installation and 1-Mile Radius Well Survey Results*, dated January 17, 2001. Based on this survey, a total of eighteen wells were identified in the survey area. The two closest wells are active Watsonville-owned municipal water supply wells located approximately 528 feet west (up to cross-gradient) of the site.

Mr. John Mijares, Regional Water Quality Control Board, Central Coast Region
Third Quarter 2007 Groundwater Monitoring and Sampling Results
Former Chevron Service Station 9-7517, 1488 Freedom Boulevard, Watsonville, California

October 19, 2007
Page 2 of 4

GROUNDWATER MONITORING

On July 24, 2007, Gettler-Ryan, Inc. (G-R) performed the quarterly groundwater monitoring and sampling of wells MW-4, MW-5, MW-7 and MW-8 (Figure 1). Well construction data is presented in Table 1 and a summary of Third Quarter 2007 monitoring results is presented in Table 2. The report prepared by G-R documenting the Third Quarter 2007 event includes field sampling data for each well sampled, tabulated historic and current groundwater elevation and analytical data, certified analytical reports, chain-of-custody forms and a potentiometric map (Attachment A).

GROUNDWATER ELEVATION, FLOW DIRECTION AND GRADIENT

During the July 24, 2007 monitoring event, G-R measured static groundwater levels in each well and checked the wells for separate phase hydrocarbons, which were not detected. Depth to groundwater ranged from 3.06 feet below ground surface (bgs) in well MW-5 to 6.25 feet bgs in well MW-4. Calculated groundwater elevations ranged from 89.08 feet above mean sea level (msl) at well MW-5 to 89.34 feet above msl at well MW-7. The groundwater flow direction was variable with a groundwater gradient ranging from 0.002 to 0.005 foot/foot (ft/ft). A potentiometric map showing the Third Quarter 2007 groundwater elevations and variable flow directions is presented as Figure 1 in Attachment A.

GROUNDWATER MONITORING ANALYTICAL DATA

The groundwater samples collected from wells MW-4, MW-5, MW-7 and MW-8 were submitted to Lancaster Laboratories, a California-licensed laboratory, and analyzed for the presence of gasoline-range total petroleum hydrocarbons (TPHg) by Environmental Protection Agency (EPA) Method 8015 (modified) and benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tertiary butyl ether (MTBE), and 1,2-dichloroethane (1,2-DCA) by EPA Method 8260B.

Third Quarter 2007 TPHg, benzene, MTBE, and 1,2-DCA concentrations are summarized below in Table A. Complete current and historical groundwater analytical results are presented in Tables 1 and 2 of Attachment A. Isoconcentration maps showing TPHg and benzene in groundwater are included as Figures 2 and 3, respectively.

Table A. Third Quarter 2007 Groundwater Analytical Results in
Micrograms per Liter (µg/l)

Well ID	TPHg	Benzene	MTBE	1,2-DCA
MW-4	4,700	21	<0.5	3
MW-5	<50	<0.5	<0.5	4
MW-7	540	13	<0.5	<0.5
MW-8	3,900	30	1	3

CONCLUSIONS AND RECOMMENDATIONS

The groundwater flow direction varied to the north and east-southeast during Third Quarter 2007, with groundwater gradients ranging between 0.002 and 0.005 ft/ft. Third Quarter 2007 groundwater elevations were approximately 0.45 feet higher on average than those observed during the Second Quarter 2007 monitoring event.

Historically, the highest concentrations of petroleum hydrocarbons in groundwater have been limited to the area around wells MW-4 and MW-8; however, based on Third Quarter 2007 monitoring data, the extent of the dissolved petroleum hydrocarbon plume appears to have increased toward well MW-7 (Figures 2 and 3). TPHg and benzene concentrations decreased at well MW-4 and increased at wells MW-7 and MW-8 during the Third Quarter 2007 monitoring and sampling event. The plume is delineated in the historical downgradient direction to the south-southeast by well MW-5. The plume is typically delineated in the cross-gradient direction to the west-southwest by well MW-7; however, due to the increase in concentrations at well MW-7 during Third Quarter 2007, the plume could not be fully delineated in the cross-gradient direction. MTBE was only detected in well MW-8 at a concentration of 1 µg/l, which is below the RWQCB action level of 5 µg/l. The MTBE detection is not related to the former Chevron operations at the site, given that the service station was closed in 1984 and that MTBE was typically not detected during previous monitoring events in onsite wells MW-1, MW-2, MW-3 and MW-6, which were destroyed in March 2004.

The onsite de-watering system that was associated with the construction of a SpeeDee Oil Change building, which will include a subterranean lube bay, was shut down and removed in December 2006, upon completion of the building foundation. A new groundwater extraction and treatment system has been installed at the site consisting of three 200-pound granular activated carbon canisters. Chevron is assisting the property owner to obtain a National Pollutant Discharge Elimination System (NPDES) permit to discharge groundwater from the french drain system constructed around the lube bay. Currently, all necessary data and information for securing a Highly Treated NPDES permit has been submitted to the RWQCB, and a Public Notification letter dated August 20, 2007 has been submitted to neighboring property owners and residences by the RWQCB.

WORK TO BE PERFORMED IN FOURTH QUARTER 2007

- Quarterly monitoring and sampling of site groundwater monitoring wells
- Preparation of Fourth Quarter 2007 groundwater monitoring report
- Begin groundwater pumping, treatment and discharge upon receipt of the approved NPDES permit.

LIMITATIONS

The groundwater monitoring results presented in this letter are based on data and interpretations provided in the attached G-R monitoring report. The groundwater monitoring data presented in SAIC's summary is accurate only to the degree implied by the sources and methods employed by G-R. SAIC makes no warranty either expressed or implied.

CLOSING

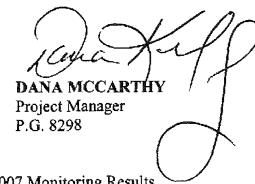
Please call Brady Nagle of SAIC at (408) 364-4702 or Dana McCarthy of SAIC at (408) 364-4706 if you have any questions regarding the contents of this report.

Sincerely,

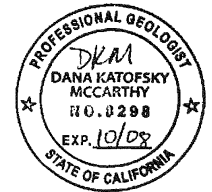
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION



BRADY NAGLE
Senior Project Manager



DANA MCCARTHY
Project Manager
P.G. 8298



Tables: 1 - Well Construction Summary
2 - Summary of Third Quarter 2007 Monitoring Results

Figures: 1 - Site Plan
2 - TPHg Isoconcentration Map
3 - Benzene Isoconcentration Map

Attachment: A - Gettler-Ryan Third Quarter 2007 Groundwater Monitoring and Sampling Report

cc: Mr. Greg Barton, Chevron Environmental Management Company, P.O. Box 6012, San Ramon, CA 94583-0904
Ms. Rebecca Supplee, Santa Cruz County Department of Environmental Health, 701 Ocean Street, Room 312, Santa Cruz, CA 95060
Mr. David Hart, 151 Via Del Sol, Watsonville, CA 95076
Mr. Ralph P. Guenther, Esq., Duffy & Guenther, 5 Harris Court, Building N3, Monterey, CA 93940-5753
Mr. Wallace Evans, 1486 Freedom Boulevard, Watsonville, CA 95076
SAIC Document Control File
California State Geotracker Database



Table 1
Well Construction Summary
Former Chevron Service Station 9-7517
1488 Freedom Boulevard
Watsonville, California

Well Identification	Date Installed	Boring Diameter (inches)	Casing Diameter (inches)	Total Depth (feet, bgs)	Well Screen Interval (feet, bgs)	TOC Elevation (feet, MSL)	Total Depth (feet, MSL)	Well Screen Interval (feet, MSL)
MW-4	08/13/95	8	2	25	4-24	95.42	70.42	71.42 - 91.42
MW-5	11/17/96	8	2	20	3-18	92.14	72.14	74.14 - 89.14
MW-7	03/14/04	6	2	20	4-20	94.57	74.57	74.57 - 90.57
MW-8	03/14/04	6	2	20	4-20	94.46	74.46	74.46 - 90.46

Abbreviations:
bgs = below ground surface
MSL = mean sea level
NA = not available, top of well casing altered
TOC = top of casing

Notes:
All wells are constructed with schedule 40 polyvinyl chloride casing.

Table 2
Summary of Third Quarter 2007 Monitoring Results



Former Chevron Service Station 9-7517
1488 Freedom Boulevard
Watsonville, California

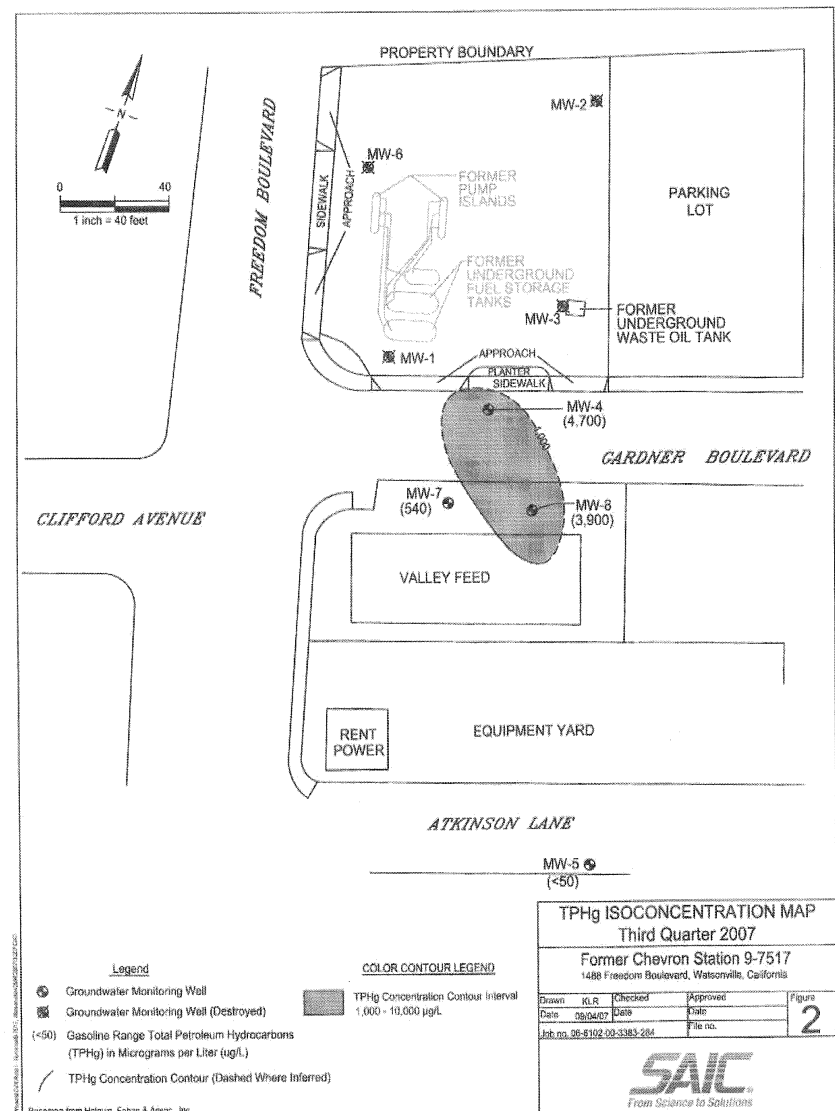
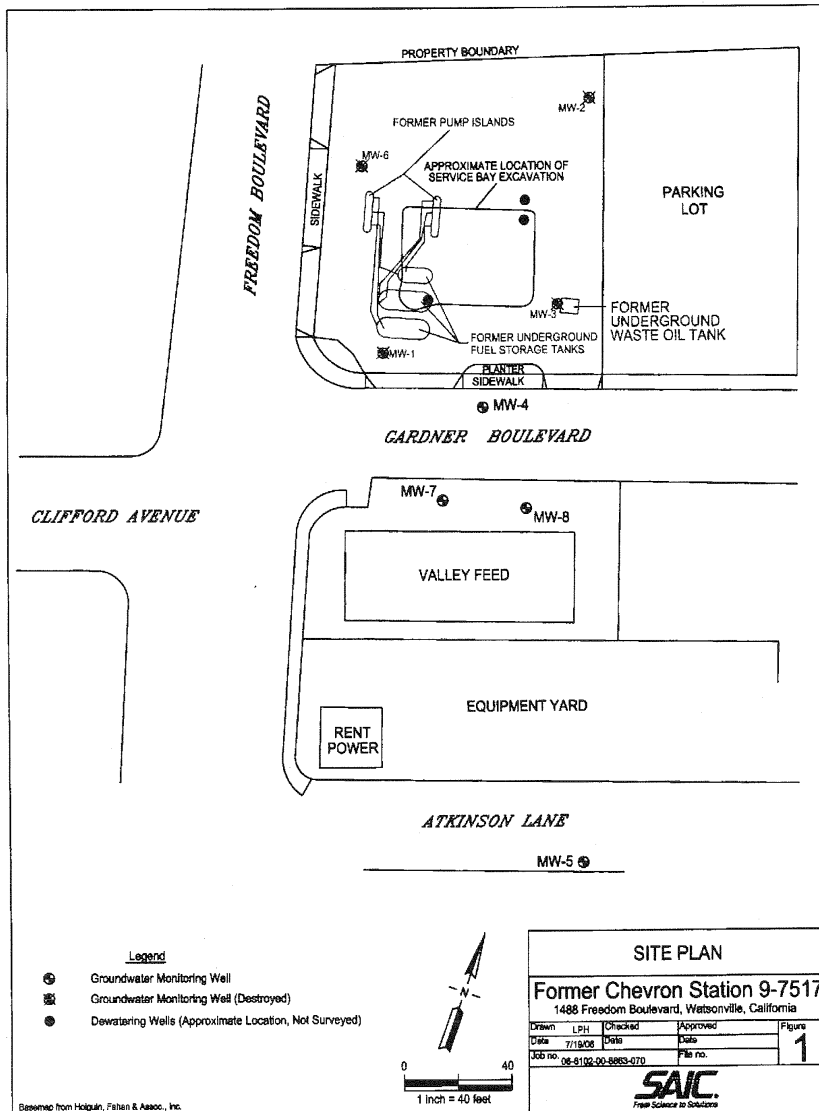
Monitoring & Sampling Date: July 24, 2007
Number of Wells Sampled: 4
Well ID's: MW-4, MW-5, MW-7, MW-8
Depth to Ground Water:
Minimum (ft bgs): 3.08 (Well MW-5)
Maximum (ft bgs): 6.25 (Well MW-4)
Ground Water Elevation:
Minimum (ft msl): 89.08 (Well MW-5)
Maximum (ft msl): 89.34 (Well MW-7)
Ground Water Flow Direction: Variable
Ground Water Flow Gradient: 0.002 - 0.005 ft/ft

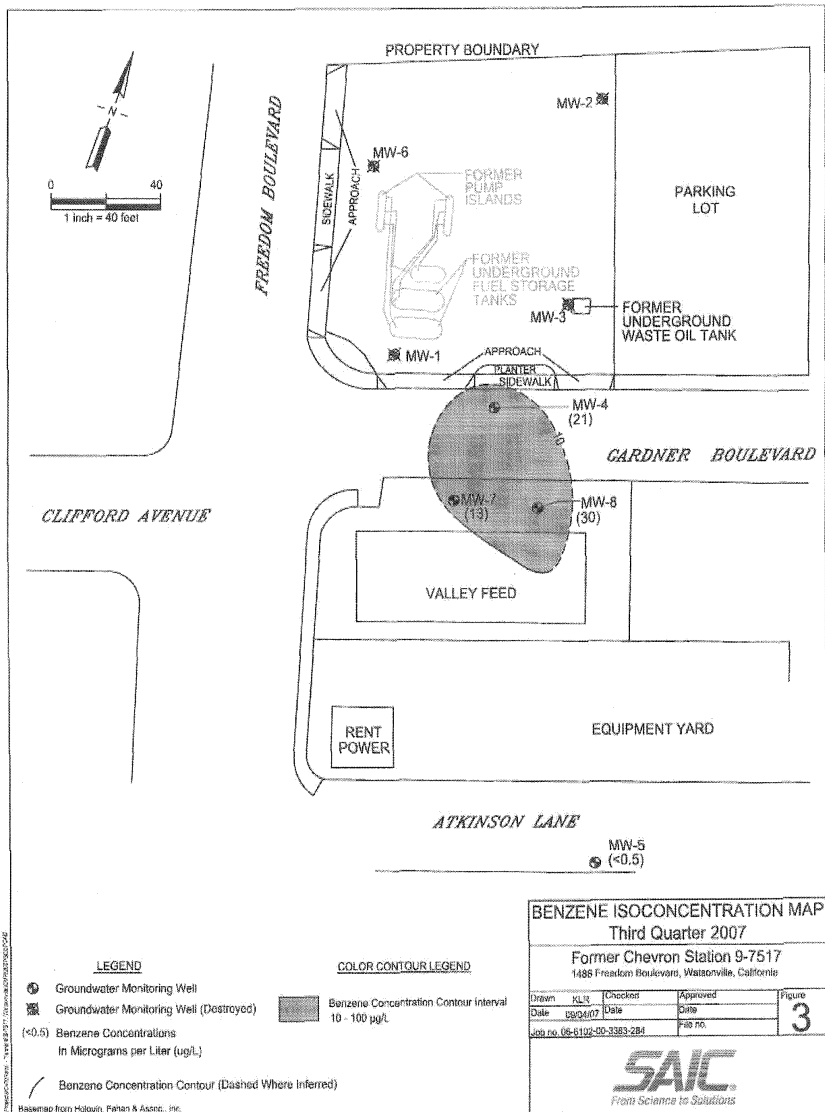
Well Containing Maximum Concentration of Analytes:

Analyte	Concentration (µg/l)	Well ID
TPHg	4,700	MW-4
Benzene	30	MW-8
MTBE	1	MW-8
1,2-DCA	4	MW-5

Abbreviations:

ft bgs = feet below ground surface
ft msl = feet above mean sea level
µg/l = micrograms per liter
TPHg = total petroleum hydrocarbons calculated as gasoline
MTBE = methyl tert-butyl ether
1,2-DCA = 1,2-Dichloroethane





HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

RECEIVED

JAN 10 2008

ENVIRONMENTAL
HEALTH SERVICES

January 8, 2008

Mr. John Mijares, P.G., H.G.
California Regional Water Quality Control
Board - Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401 - 7906

Subject: **Transmittal of Quarterly Groundwater Monitoring and Remediation Status Report**
Fourth Quarter - 2007
Beacon Station No. 3400
1597 Freedom Boulevard, Watsonville, California

Mr. Mijaras:

At the request of Ultramar Inc. (Ultramar), Horizon Environmental Inc. (Horizon) is forwarding the enclosed *Quarterly Groundwater Monitoring and Remediation Status Report* dated January 8, 2008 for the above-referenced site. This report also serves as the NPDES Discharge Monitoring Report (DMR) submittal to the California Regional Water Quality Control Board - Central Coast Region.

Please contact Horizon at (916) 939-2170 should you have any questions regarding this report.

Sincerely,

HORIZON ENVIRONMENTAL INC.

Karen P. Liptak

Karen P. Liptak
Staff Geologist

Enclosure

c: Mr. Thomas Sexton, Ultramar Inc.
Ms. Rebecca Supplee, R.E.H.S., Santa Cruz County Environmental Health Services
Mr. Keith Kimes, Water Operations, City of Watsonville (electronic copy)
Commingled Plume Group, Calif. State Water Resources Control Board



HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

January 8, 2008

Mr. Thomas Sexton
Ultramar Inc.
685 West Third Street
Hanford, California 93230

RECEIVED
JAN 10 2008
ENVIRONMENTAL
HEALTH SERVICES

Subject: **Quarterly Groundwater Monitoring and Remediation Status Report**
Fourth Quarter - 2007
Beacon Station No. 3400
1597 Freedom Boulevard, Watsonville, California

Mr. Sexton:

Horizon Environmental Inc. (Horizon) has prepared this Quarterly Groundwater Monitoring and Remediation Status Report which presents results for the fourth quarter 2007 monitoring activity for the above-referenced site (Figure 1). There are currently fifteen groundwater monitoring wells (BSK-1, MW-1 through MW-12, RW-1 and RW-2) associated with this site (Figure 2). Eight of the fifteen groundwater monitoring wells (BSK-1, MW-1 through MW-5, RW-1 and RW-2) are located within the site boundaries, while monitoring wells MW-6 through MW-12 are located offsite to the northwest and southeast of the site.

Horizon performs operation and maintenance (O+M) of an In-situ Submerged Oxygen Curtain (ISOC) system at the site. The ISOC system was installed in wells RW-1, RW-2, MW-2 and MW-5 for supersaturating the groundwater with oxygen to enhance natural biodegradation of the residual dissolved-phase hydrocarbons. This technology is an innovative and cost-effective remedial approach for further reducing hydrocarbon concentrations beneath the site.

Groundwater Monitoring

Depth-to-groundwater (DTW) measurements were obtained from wells BSK-1, MW-1 through MW-12, RW-1 and RW-2 by Doulos Environmental Company (Doulos) on October 24, 2007 (see Table 1). Static groundwater levels were measured from the top-of-casing (TOC) of each well and recorded to the nearest 0.01-foot. Water level measurements were subtracted from surveyed reference TOC elevations to obtain groundwater elevations, as listed in Table 1. Ultramar Inc. (Ultramar) Field Procedures are presented as Attachment A with this report. Doulos Sampling Information Sheets are included as Attachment B. Historical groundwater data as reported by previous consultants is included as Attachment D.

Groundwater samples were collected from the 15 wells by Doulos on October 24, 2007. Collected water samples were submitted under Chain-of-Custody to Kiff Analytical, a California Department of Health Services-certified analytical laboratory (ELAP No. 2236)

Beacon Station No. 3400
Watsonville, California

January 8, 2008
Groundwater Monitoring / Remediation Status Report

located in Davis, California. The groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg); the volatile aromatics benzene, toluene, ethylbenzene, total xylenes (BTEX); and the fuel oxygenates methyl tert-butyl ether (MTBE) and tert-butanol (TBA) utilizing Environmental Protection Agency (EPA) Method 8260B. The laboratory results are summarized in Table 1. Copies of the laboratory data sheets and the Chain-of-Custody report are included as Attachment C.

Groundwater Monitoring Results

Water-level data collected on October 24, 2007 was used to construct the Groundwater Contour Map (Figure 2). The groundwater flow direction beneath the site is away from a groundwater "mound" created by the injection of oxygen gas into ISOC wells RW-1, RW-2, MW-2 and MW-5, then south of the site groundwater flows primarily to the southeast beneath the City of Watsonville Freedom Reservoir Water Works facility. A TPHg Isoconcentration Map (Figure 3), a Benzene Isoconcentration Map (Figure 4), and a MTBE Isoconcentration Map (Figure 5) were constructed for the October 24, 2007 sampling data.

Geo-Tracker Electronic Data Deliverables

The analytical electronic data deliverable (EDD) was prepared and uploaded by Kiff. The groundwater level EDD (GEO_WELL) was prepared and uploaded by Horizon. The GEO_WELL upload confirmation sheet for this quarter and the Quarterly Monitoring Report EDD (GEO_REPORT) upload confirmation sheet for the previous quarter are contained in Attachment E.

Discussion of Upgradient Offsite Source(s)

Concentrations of TPHg and BTEX were declining beneath the Beacon site, but have begun to increase especially along the northwestern perimeter of the site downgradient of offsite well MW-7. The highest concentrations of Benzene are found in upgradient offsite well MW-7 and have increased in onsite wells MW-1 and MW-4, reflecting the continued southeastward migration of gasoline hydrocarbons from an unknown upgradient source or sources to beneath the Beacon site and the City of Watsonville Freedom Water Works facility.

As previously stated in the *Groundwater Monitoring Results* section of every quarterly monitoring report since the Third Quarter 2003, continued elevated concentrations of Benzene and TPHg that have been reported in upgradient offsite monitoring well MW-7 and upgradient onsite monitoring well MW-4 appear to be from an unknown upgradient offsite source or sources. Until the Responsible Party(s) address the source(s), unabated migration of petroleum hydrocarbons will continue to impact the Beacon station property and the City of Watsonville Freedom Water Works facility.

Historical records searches and aerial photo reviews were conducted for the *Offsite Source Evaluation Report* (Trinity Source Group, March 24, 2006) and the *Additional Offsite*

Subsurface Investigation (Horizon, July 1999), and identified numerous potential upgradient offsite sources that may be contributing to the unabated migration of petroleum hydrocarbons beneath the Beacon station property. Both of these reports have been submitted to the Central Coast RWQCB and the SCCDEH to assist these agencies in identifying the Responsible Party(s) for the upgradient source(s) that continue to affect the Beacon site and the City of Watsonville Freedom Water Works facilities. Horizon and Ultramar continue to request that these agencies provide written documentation on the status of their investigations for identifying the upgradient sources and Responsible Parties.

In-Situ Submerged Oxygen Curtain (ISOC) System

Because the scope of the Interim Corrective Action Plan (Horizon, February 15, 2001) was to address impacted soil and groundwater from past activities at the Beacon site, cleanup of onsite migration of impacted groundwater from offsite sources is not a corrective action goal for the Beacon site. Therefore, the groundwater treatment system (GWTS) that previously operated at the site was shut down to minimize the onsite migration of impacted groundwater from the upgradient offsite sources, and installation of an In-situ Submerged Oxygen Curtain (ISOC) system in wells RW-1, MW-2, MW-3 and MW-5 for supersaturating the groundwater with oxygen to enhance natural biodegradation of the residual dissolved-phase hydrocarbons beneath the Beacon site.

The ISOC diffusion system was installed in wells RW-1, RW-2, MW-2 and MW-5 in May 2006 to allow for the mass transfer of oxygen gas into groundwater beneath the site. The ISOC system consists of an ISOC control panel, a two-stage low-flow gas regulator, and two oxygen gas cylinders installed inside of a safety cage within the fenced and locked remediation compound, as shown on the As-Built ISOC System (Figure 6). Polyurethane conveyance tubing runs from the ISOC control panel and into the existing remedial polyvinyl chloride (PVC) piping manifold previously used for the GWTS, and through the subsurface PVC piping to each of the four oxygen diffusers in the remedial wells. Horizon performs O+M of the ISOC system twice monthly, which includes monitoring and recording the groundwater parameters of dissolved oxygen (DO), oxidation / reduction potential (ORP), conductivity, pH and temperature from selected wells.

Monitoring of dissolved oxygen (DO) levels in the groundwater identifies aerobic and anaerobic regions of the impacted groundwater plume. A low DO level is indicative of anaerobic conditions that can limit bacterial metabolism of organic compounds. Monitoring of oxidation / reduction potential (ORP) levels in the groundwater measures the reduction-oxidation (REDOX) potential or the ability to donate electrons (oxidation) from hydrogen and a variety of organic compounds. Positive ORP levels are indicative of aerobic conditions, while negative ORP levels are indicative of anaerobic conditions. A summary table of the DO and ORP levels recorded in the groundwater is included as Table 2.

Recommendations

Horizon and Ultramar continue to recommend that the Central Coast RWQCB investigate upgradient sites that are contributing to the unabated migration of petroleum hydrocarbons beneath the Beacon property and the City of Watsonville Freedom Water Works facilities, and provide written documentation on the status of their investigations for identifying the upgradient sources and Responsible Parties.

Horizon recommends that groundwater monitoring and sampling continue at the Beacon site on a quarterly schedule for evaluation of dissolved hydrocarbon concentrations over time in the monitoring and ISOC wells. Horizon will continue to monitor the ISOC system for its effectiveness of increasing the dissolved oxygen content in the groundwater and the effects on the subsurface biodegradation of the dissolved-phase hydrocarbons.

Distribution

A copy of this report should be forwarded to:

Mr. John Mijares, P.G., H.G.
California Regional Water Quality Control
Board - Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401

Commingled Plume Group
California State Water Resources
Control Board
P.O. Box 100
Sacramento, California 95812

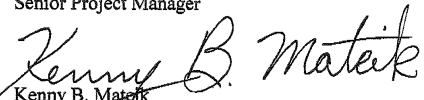
Ms. Rebecca Supplee, R.E.H.S.
Environmental Health Services
Santa Cruz County
701 Ocean Street, Room 312
Santa Cruz, California 95060

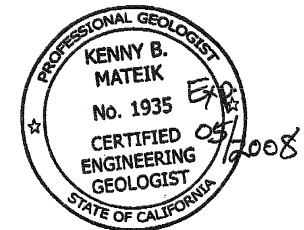
Mr. Keith Kimes, Water Operations
City of Watsonville
320 Harvest Drive
Watsonville, California 95076

If you have any questions, please contact Horizon at (916) 939-2170.

Sincerely,
HORIZON ENVIRONMENTAL INC.


Gary Barker
Senior Project Manager


Kenny B. Mateik
Professional Geologist, C.E.G. No. 1935

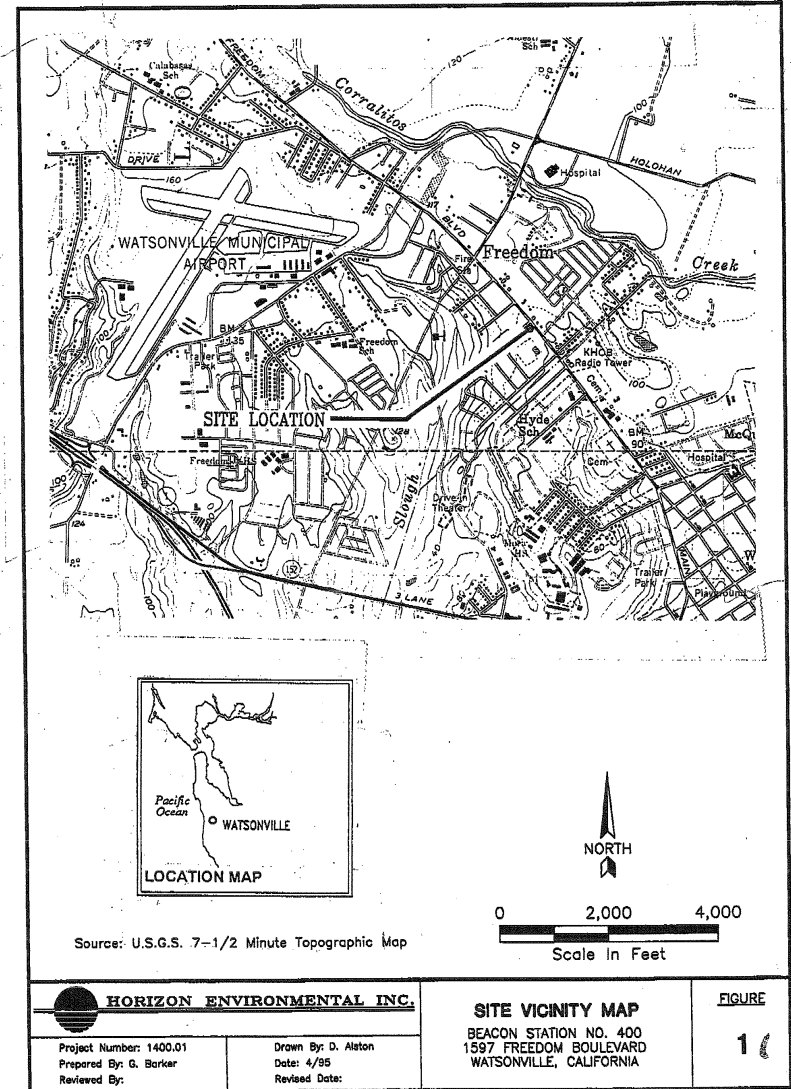


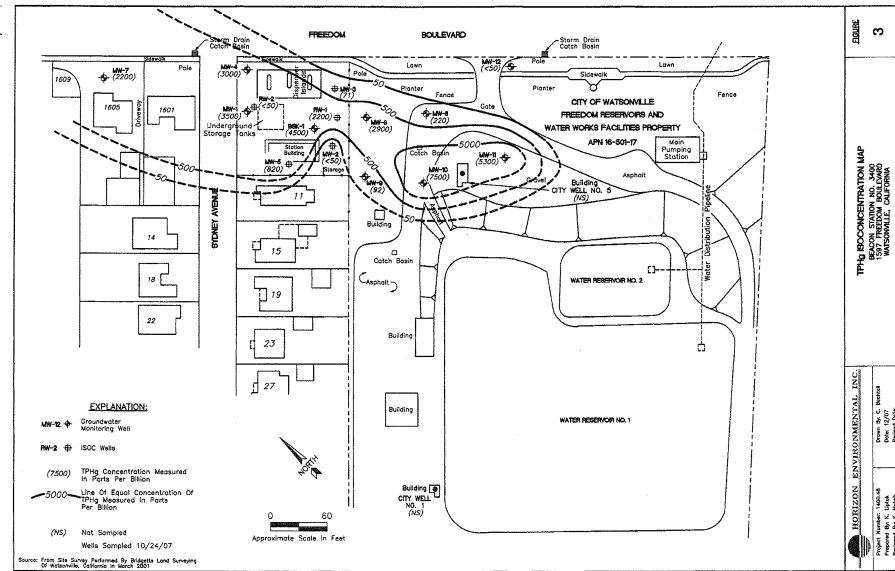
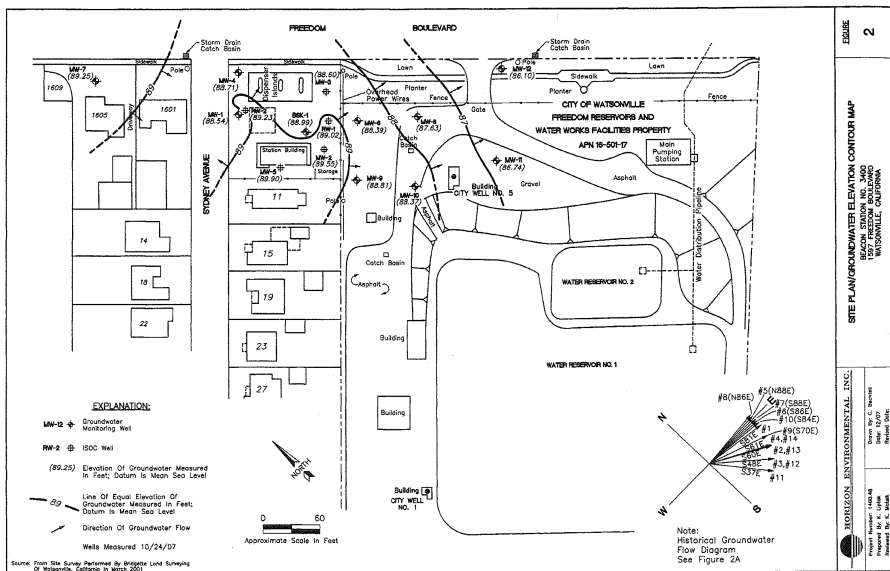
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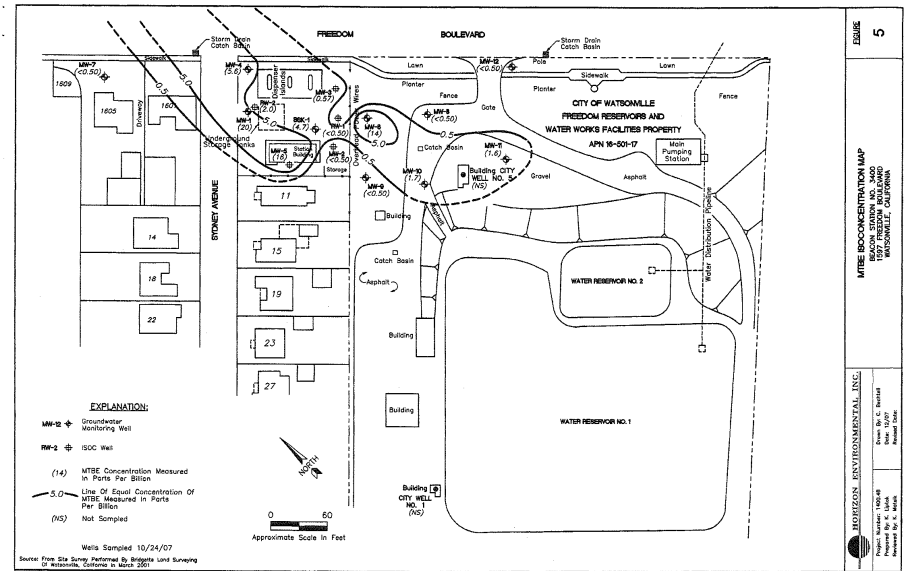
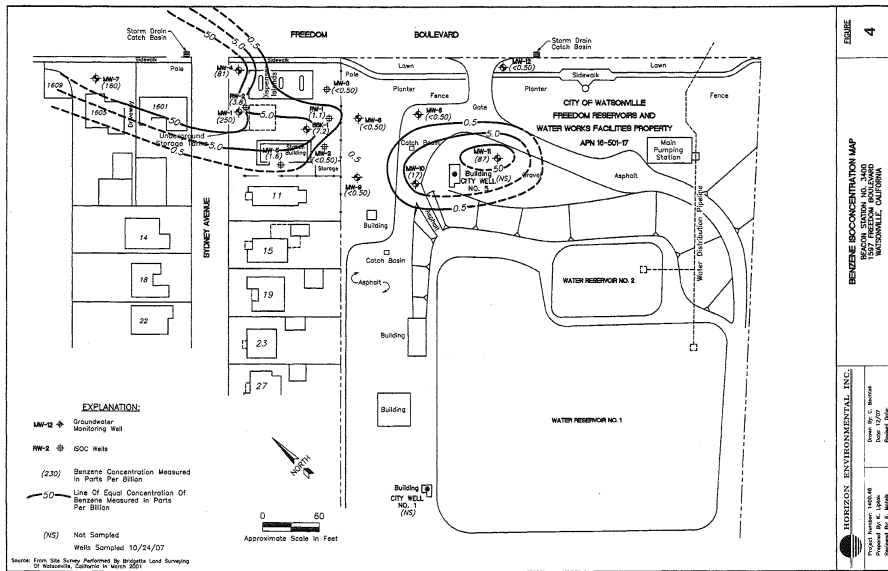
- Figure 1: Site Vicinity Map
- Figure 2: Site Plan / Groundwater Contour Map
- Figure 3: TPHg Isoconcentration Map
- Figure 4: Benzene Isoconcentration Map
- Figure 5: MTBE Isoconcentration Map
- Figure 6: As-Built ISOC System Map

- Table 1: Groundwater Monitoring Data
- Table 2: Dissolved Oxygen and ORP Field Monitoring Data

- Attachment A: Ultramar Field Procedures
- Attachment B: Doulos Field Data Sheets
- Attachment C: Laboratory Data and Chain-of-Custody Report
- Attachment D: Historical Groundwater Data
- Attachment E: GeoTracker Electronic Data Deliverable Confirmation Sheets







From: Erika Spencer
To: Kristen Bogue
Date: 9/10/2008 11:38:04 AM
Subject: Atkinson Assessor and Env. Health Records

Hi Kristen,

I went to the Assessor's Office this morning and stopped in at Environmental Health to search through their records. Environmental Health records will be loaded onto the FTP site shortly, however they are in one file. I just copied everything rather than looking through it at the County. There were no results for 72, 78, or 68 Atkinson Lane.

1) 56 Atkinson Lane (two APN numbers) - Owned by Atkinson Lane Associates LLC
 a) APN: 019-226-42 (1.342 acres) - No structures on this parcel.

b) APN: 048-211-25 (2.902 acres) - Owned by Atkinson Lane Associates LLC
 Structure built in 1889 (1,056 square feet).

I will put the information regarding septic and water wells on the FTP site.

2) 127 Atkinson Lane (APN: 048-231-18) - Owned by Israel Zapeda Farms, Inc.
 24 acre parcel. Single family home built in 1894 — approximately 2,093 square feet.

I will put the information regarding septic and water wells on the FTP site.

3) 68 Atkinson Lane (APN: 019-226-43) - Owned by John and Nell Perez Trustees
 7,250 square foot parcel size. Single family home built in 1946 - 696 square feet
 No results for septic/water wells.

4) 72 Atkinson Lane (APN: 019-226-44) - Owned by Inez Edgington
 11,310 square foot parcel size. Single family home built in 1947 - 1,036 square feet
 No results for septic/water wells.

5) 78 Atkinson Lane (APN: 019-236-01) - Owned by Bruce Lamb
 21,639.3 square foot parcel. No structures on this parcel.
 No results for septic/water wells.

Please let me know if you need anything else.

Talk with you soon,
 Erika

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY
 ENVIRONMENTAL HEALTH SERVICE

701 OCEAN STREET, ROOM 312
 SANTA CRUZ, CA 95060 (831) 454-2022

SEPTIC TANK PUMPING AND INSPECTION REPORT

PUMPER NAME: Art E. Sherry Drilling & Sandblasting INSPECTION DATE: 1/26/04
 JOB LOCATION: 56 Atkinson Ln APN: 048-211-25
 JOB CITY/AREA/CLOSEST CROSS STREET: Watsonville
 OWNER: William Feagles ADDRESS: 56 Atkinson Ln
 REQUESTED BY: Owner ADDRESS: same as above

REASON FOR PUMPING/INSPECTION
 MAINTENANCE HAULAWAY SALB INSPECTION SYSTEM FAILURE REPAIR OTHER

PROPERTY USE: HOME OTHER OCCUPIED? YES NO SLUDGE DISPOSAL LOCATION: Watsonville

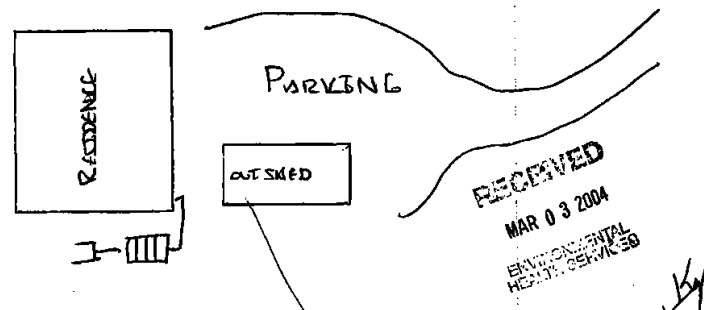
SEPTIC TANK: SIZE 1000 GALLONS PUMPED 1000 BOTH COMPARTMENTS PUMPED? yes

TYPE:	REDWOOD	CONCRETE	POLY	FIBERGLASS	OTHER
CONDITION OF TANK	GOOD	FAIR	POOR	REPAIRS RECOMMENDED	REPAIRS COMPLETED/DATE
SEPTIC ELS/TEES	<input checked="" type="checkbox"/>				
TANK TOP AND/OR LIDS		<input checked="" type="checkbox"/>			
SIDES/BOTTOM OF TANK		<input checked="" type="checkbox"/>			
BAFFLES		<input checked="" type="checkbox"/>			

OPERATIONAL LEVEL: HIGH LOW NORMAL DATE LAST PUMPED: _____

LEACHING SYSTEM
 PRESENT OR PAST HIGH LEVEL IN TANK YES NO
 LIQUID FLOWBACK WHILE PUMPING? YES NO
 SIGNS OF SURFACING EFFLUENT? YES NO
 SEPARATE GREYWATER DISCHARGE? YES NO LOCATION: _____
 TO SUMP _____ ONTO GROUND _____
 OTHER SYSTEM COMPONENTS/NOTES: Old Redwood Tank - functioning but will need to be replaced soon

SYSTEM LOCATION (SKETCH OR DESCRIBE, WITH MEASURED DIMENSIONS AND DIRECTION OF NORTH; INCLUDE ANY PERTINENT FEATURES SUCH AS PAVED AREAS, SURFACING EFFLUENT, CREEKS, LARGE TREES, ETC.)



4 34.00

Santa Cruz County Environmental Health Services
701 Ocean Street, Room 312, Santa Cruz, CA 95060 (408) 454-2022

93-149

**ENVIRONMENTAL HEALTH CLEARANCE
TO APPLY FOR BUILDING PERMIT FOR RURAL PROPERTIES
*THIS IS NOT A PERMIT***

TO BE COMPLETED BY APPLICANT:

Date 5/19/93 Assessor's Parcel Number 127 ATKINSON LANE Construction Site Location APN 048-231-18
Applicant's Name VICTORIA ORGAIN Owner's Name ISRAEL ZEPEDA Applicant's Phone Number 429-9730
Mailing Address 153 WOODCREST PLACE, SANTA CRUZ CA 95060

PROPOSED PROJECT

New Residence/Affordable Second Dwelling 1,(2),5
 Accessory Habitable Structure/Guest House (No Kitchen) 3,(4),5
 Replacement of Structure 3,(4),5
 Reconstruction of Destroyed Residence 3,(4),5
 Remodel Increasing Number of Bedrooms and/or an addition of more than 250 sq. ft. of floor area. Proposed Total Bedrooms 3,(4),5
 Remodel with a one-time addition of 250 square feet or less with no bedroom increase
 Remodel Extending Life of Structure - Describe: _____ 05.8.5'93 10:29AM 0008H4557 CORA
Plat # 174,5 \$34.00
CHECK \$34.00

ENVIRONMENTAL HEALTH REQUIREMENTS: (SEE BELOW)

Other GARAGE ADDITION - CHANGE EXIST BIRM.

Applicant's Signature _____

TO BE COMPLETED BY ENVIRONMENTAL HEALTH STAFF:

MAXIMUM NUMBER OF BEDROOMS ALLOWED N/A

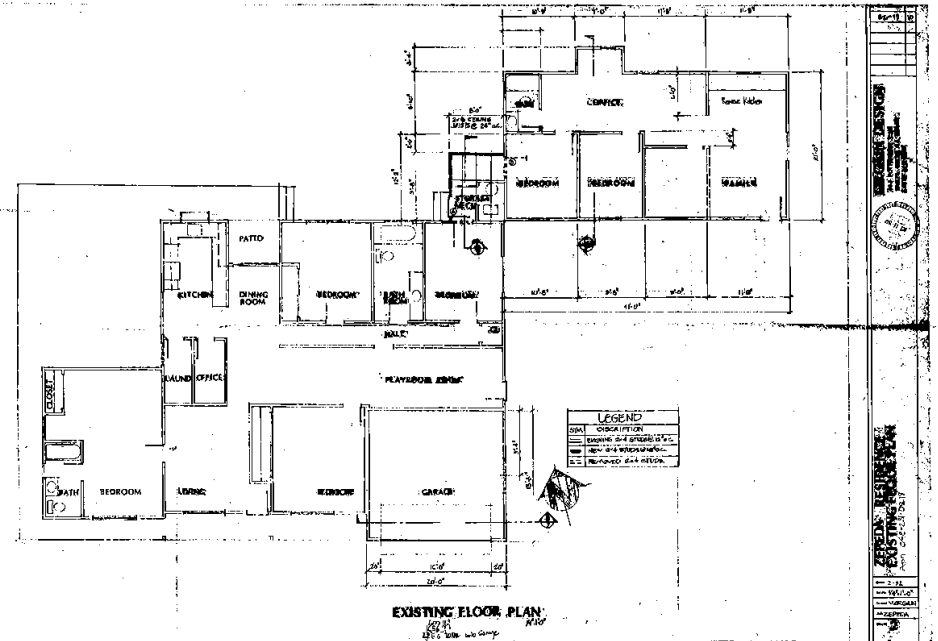
ENVIRONMENTAL HEALTH REQUIREMENTS	Permit #	Approved:	Denied:
<input type="checkbox"/> 1 New Individual Sewage Disposal Permit	_____	_____	_____
<input type="checkbox"/> 2a Individual Water System Permit	_____	_____	_____
<input type="checkbox"/> 2b Connection to Existing Water System:	_____	_____	_____
<input checked="" type="checkbox"/> 3 Evaluation of Existing Septic System	_____	<u>Blanca</u>	_____
<input type="checkbox"/> 4 Individual Sewage Disposal Permit-Repair/Upgrade	_____	_____	_____
<input type="checkbox"/> 5 No construction over septic system or in expansion area.	_____	_____	_____
<input type="checkbox"/> 6 Annual Operating permit	_____	_____	_____

ADDITIONAL CONDITIONS OR REMARKS: _____

This Clearance is granted subject to the conditions specified above and on approved Environmental Health permits. Building plans submitted with the building permit application must be in compliance with those conditions and with the above project description. Applications not in compliance will be denied by Environmental Health.

Clearance to Apply for Building Permit Approved
Application Review and Clearance Valid Until _____ (Date)
 Environmental Health Requirements Cannot Be Met - Clearance Denied
By Robert H. [Signature] Approved [Signature] Date: 5-20-93
Environmental Health Specialist Supervisor

*White-EHS File *Yellow-Applicant(Attach to Building Application) *Pink-Applicant *Goldenrod-Fiscal Control
HSA-639 (REV. 1/93)



Santa Cruz County
 Health Services Agency
 Environmental Health Service

701 Ocean Street, Room 312
 Santa Cruz, CA 95060
 (408) 425- 2341

SEPTIC TANK PUMPING AND INSPECTION REPORT

Pumper Name: D.G. Sanitation Inspection Date: 10-8-92
 Job Location: 127 Atkinson Lane APN: #048-2310218
 Job city: Watsonville
 Owner: Israel Zepeda Address: 127 Atkinson Lane
 Requested by: same as above Address: same as above
 Reason for pumping/inspection: Maintenance Haulaway System _____
 Sale Inspection _____ System Failure _____ Other _____
 Property Use: Home Other _____ Occupied? Yes No _____

SLUDGE DISPOSAL LOCATION: Watsonville
 SEPTIC TANK SIZE: 1500 GALLONS PUMPED: 1500
 TYPE: REDWOOD _____ CONCRETE _____ FIBERGLASS OTHER _____

CONDITION OF TANK:

	Good	Fair	Poor	Repairs Recommended	Repairs Completed
Septic ells/tees		<input checked="" type="checkbox"/>			
Tank top and/or lids		<input checked="" type="checkbox"/>			
Sides/bottom of tank		<input checked="" type="checkbox"/>			
Baffles		<input checked="" type="checkbox"/>			

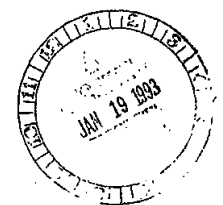
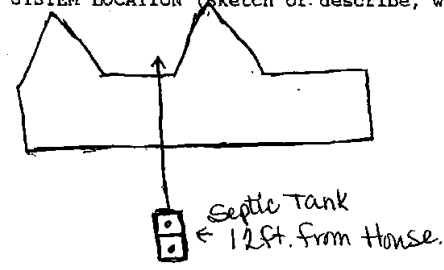
OPERATIONAL LEVEL: High _____ Low _____ Normal Date Last Pumped: _____

LEACHING SYSTEM

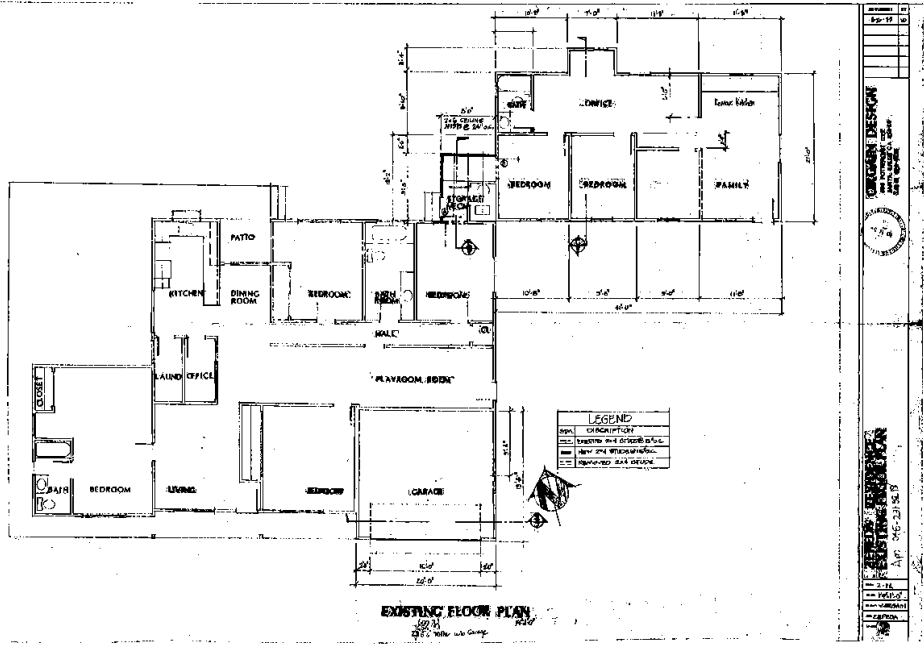
Present or past high level in tank YES _____ NO
 Liquid flowback while pumping? YES _____ NO
 Signs of Surfacing Effluent? YES _____ NO
 Separate Greywater Discharge? YES _____ NO

OTHER SYSTEM COMPONENTS/NOTES: 10-8-92 System appears to be operating adequately at time of inspection
 To Sump _____ Ground _____

SYSTEM LOCATION (Sketch or describe, with dimensions and direction of north)



DISTRIBUTION: • White & Yellow-EHS File • Pink-Owner • Goldenrod-Pumper
 HSA-403 (REV. 4/90)



SANTA CRUZ COUNTY PLANNING DEPARTMENT
 BUILDING PERMIT ROUTING TRANSMITTAL SHEET

Application Number: 083934 APN: 48-231-18
 To Department: Env 4891/1

Please review attached plans and Return to Records Room within Five (5) Days.

Approved
 Conditional Approval
 Fee Only
 Not Approved
 Not Applicable
 Hold

Remarks: Fee \$ 34.00

1/13/12 = Received proposed change to "den" structure. a wall & then by not connecting it a kitchen. However, I cannot sign off on these Building Plans until charges are made on these changes. Branches

11/3/12 = Received proposed change to "den" structure. a wall & then by not connecting it a kitchen. However, I cannot sign off on these Building Plans until charges are made on these changes. Branches

11/10/12 = Plan changes made on "den." OK. to approve. Branches

BY: Robert Branches DATE: 9/10/12
 White - Applicant Goldenrod - Planning Dept. Pink - Review Dept.

10/30/12 = Received plot plan update & plumbing report! OK to approve plan.
Branches
11/3/12 = Reply plan cannot be changed until 10/30/12 "OK" to deny open. Branches

9/19/12 = Please come in to discuss structure. Please submit a 9-10 building permit. Call public works to make sure if it is then better. OK to not.
10/1/12 = Spoke with Vicki Organ. Old house into 2 buildings. (see floor plan) Now she will help when she helps den (Johnston) need permit report. Only 10% addition to house. BP.

SANTA CRUZ COUNTY - ENVIRONMENTAL HEALTH SERVICE
 701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95069

ASSESSOR'S PARCEL NUMBER: 48-231-18-002 DATE: 9/10/12

WE ARE LIABLE TO COMPLETE THE PROCESSING OF YOUR:

WATER WELL PERMIT
 INDIVIDUAL SEWAGE DISPOSAL PERMIT
 INDIVIDUAL WATER SYSTEM PERMIT
 BUILDING PLAN # 083934

NEEDED INFORMATION:

Approved Water Supply
 Penetration Test
 Groundwater Observation During Rain (Sewer) (SIS:HE)
 Annual Operating Permit
 Other NOT MUST apply for a septic permit for a 1-1000 sq ft house

Soil Excavation
 Septic Pumpout Report
 Plot Plans
 Additional Fees Due: \$ 875.00

* Until all the required information is provided, review of the Sewage Disposal Permit application cannot be completed for a determination of finding of compliance (i.e. permit approval). Application shall be deemed null and void if all required information is not submitted within 12 months of the date of application.

Your Individual Sewage Disposal Permit Application will expire on: _____

QUESTIONS? CALL: Heather A. Apple PHONE: 408-238-1234
 (BETWEEN 8:00 A.M. AND 5:00 P.M. MONDAY-FRIDAY ONLY)

Santa Cruz County
Health Services Agency
Environmental Health Service

701 Ocean Street, Room 312
Santa Cruz, CA 95060
(408) 425- 2341

SEPTIC TANK PUMPING AND INSPECTION REPORT

Pumper Name: D&G Sanitation Inspection Date: 10-8-92
 Job Location: 127 Atkinson Lane APN: # 048-231-02
 Job City: Watsonville
 Owner: Israel Zepeda Address: 127 Atkinson Lane
 Requested by: same as above Address: same as above
 Reason for pumping/inspection: Maintenance Haulaway System _____
 Sale Inspection _____ System Failure _____ Other _____

Property Use: Home Other _____ Occupied? Yes No _____

SLUDGE DISPOSAL LOCATION: Watsonville

SEPTIC TANK SIZE: 1500 GALLONS PUMPED: 1500

TYPE: REDWOOD _____ CONCRETE FIBERGLASS _____ OTHER _____

CONDITION OF TANK:

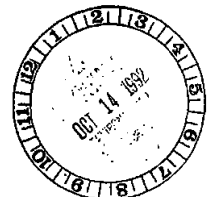
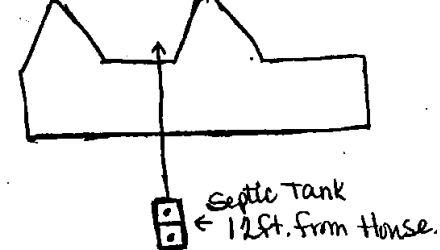
	Good	Fair	Poor	Repairs Recommended	Repairs Completed
Septic ells/tees		<input checked="" type="checkbox"/>			
Tank top and/or lids		<input checked="" type="checkbox"/>			
Sides/bottom of tank		<input checked="" type="checkbox"/>			
Baffles		<input checked="" type="checkbox"/>			

OPERATIONAL LEVEL: High _____ Low _____ Normal Date Last Pumped: _____

LEACHING SYSTEM
 Present or past high level in tank YES _____ NO
 Liquid flowback while pumping? YES _____ NO
 Signs of Surfacing Effluent? YES _____ NO
 Separate Greywater Discharge? YES _____ NO To Sump _____ Onto Ground _____

OTHER SYSTEM COMPONENTS/NOTES: 10-8-92 system appears to be operating adequately at time of inspection

SYSTEM LOCATION (Sketch or describe, with dimensions and direction of north)



This evaluation refers to the ability of the drainfield to handle the quantity of water it has been receiving lately for processing. It does not insure that it will not fail under a greater load.

SANTA CRUZ COUNTY
ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312
SANTA CRUZ, CA 95060

Israel Zepeda Farms, Inc.
127 Atkinson Lane
Watsonville, Ca.
95076

RECEIVED BY RS DATE 9/20/05 COUNTY OF SANTA CRUZ 4288 LA JOLLA
 ENVIRONMENTAL HEALTH SERVICE
 WASTEWATER DISPOSAL INVESTIGATION

APN 43-231-18 SYSTEM _____

ADDRESS LOCATION OF PROBLEM 127 Arrowson Way, Watsonville
 SEWER _____ DATE RESOLVED 10/1/05 IS RECHECK NEEDED? N Y N W E Y/N/MO Y/C
 VIOLATION TYPE C HAZARDOUS H ALLEGED VIOLATION F

DESCRIPTION OF PROBLEM: raw discharge to Salinas Creek - white PVC pipe from building to the left of the driveway - runs by lawn area to creek

OWNER: Israel Zapata Fanning Inc PHONE: (H) 247-3236

ADDRESS: P.O. Box 328, Watsonville PHONE: (W) 762-0661
95077

TENANT: _____ PHONE: _____

COMPLAINANT: _____ PHONE: _____

ADDRESS: _____ CONTACTED 10/1/05

DATE _____ ACTIVITY _____

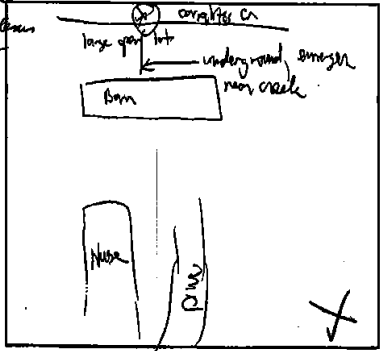
USE: SR MR Com Farm
 BDRMS _____ TANK _____ GAL.
 LEACHFIELD _____ SQ. FT.
 LEACHFIELD DEPTH _____ FT.
 REPAIRED _____
 PUMPED 5/1/01
 PAST FAILURE _____
 EST. WINTER G.W. _____
 DEPTH GWRISER _____
 SOILS _____
24 ac

06/01/05 met owner site & walked property. Located ~ 2' PVC discharging to ditch then to creek. Owner agreed that extra system will be in need of repair & replaced to old on - pls note: City sewer extends to property line (Portugal Hill) may be more cost-effective for owner to consider hook-up to city.

10/1/05 Letter #1

12/1/05 Re from David Z - town equipment trader had crushed a tight line & on camp lanes had temporarily 46" ducted sewerage - line has been repaired - by gas line located and pipe cleaned up - then etc

to learn from sewer lines - will call again problem develops - both tanks scheduled for pumping



HSA-69 (REV. 6/95)

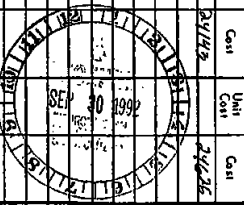
RESIDENTIAL BUILDING RECORD

BRANSON

ADDRESS 127 ARROWSON WAY

PARCEL 43-231-02-18 SHEET 2 OF 3

CLASS & SHAPE	CONSTRUCTION	STRUCTURAL	EXTERIOR	ROOF TYPE	DESCRIPTION OF BUILDING	ROOMS AND FINISH DETAIL
Sub-Standard	Frame	2-X - 2-Y	Brick	Shingle	GEN. FINISH	FLOOR FINISH
STONES	Above-Standard	Shedding	Stucco	Shingles	Wall	Material
DESIGN USE	FOUNDATION	Brick	Brick	Roof Pitch	Roof	Trim
Single	Concrete	Brick	Brick	Low P/Wall	Plumbing	Interior Finish
General	Brick / Wood	Floor Joist	Brick	High	Roof Cover	Walls
Modern	Brick / Wood	2-6 - 2-Y	Wood	Shingle	Water Heater	Chimney
Multiple	Reinforced	2-6 - 2-Y	Wood	Shingle	Water Heater	Chimney
Wall	Hillside	Concrete Floor	Wood	Shingle	Water Heater	Chimney
Units	Light Heavy	Concrete	Wood	Shingle	Water Heater	Chimney
CONSTRUCTION RECORD	Light Heavy	Concrete	Wood	Shingle	Water Heater	Chimney
Permit No.	Amount	Date	APPR. YEAR	APPR. YEAR	APPR. YEAR	APPR. YEAR
1980		1980	2	85	85	85
1981		1981	2	85	85	85
1982		1982	2	85	85	85
1983		1983	2	85	85	85
1984		1984	2	85	85	85
1985		1985	2	85	85	85
1986		1986	2	85	85	85
1987		1987	2	85	85	85
1988		1988	2	85	85	85
1989		1989	2	85	85	85
1990		1990	2	85	85	85
1991		1991	2	85	85	85
1992		1992	2	85	85	85
1993		1993	2	85	85	85
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1995		1995	2	85	85	85
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2004		2004	2	85	85	85
2005		2005	2	85	85	85
2006		2006	2	85	85	85
2007		2007	2	85	85	85
2008		2008	2	85	85	85
2009		2009	2	85	85	85
2010		2010	2	85	85	85
2011		2011	2	85	85	85
2012		2012	2	85	85	85
2013		2013	2	85	85	85
2014		2014	2	85	85	85
2015		2015	2	85	85	85
2016		2016	2	85	85	85
2017		2017	2	85	85	85
2018		2018	2	85	85	85
2019		2019	2	85	85	85
2020		2020	2	85	85	85
TOTAL						
NORMAL & GOOD						
R.C.L.N.D.						





County of Santa Cruz

HEALTH SERVICES AGENCY

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073
(831) 454-2022 FAX: (831) 454-5122 TDD: (831) 454-4123

ENVIRONMENTAL HEALTH

CERTIFIED MAIL - RETURN RECEIPT REQUESTED - PROOF OF SERVICE BY MAIL

October 7, 2005

Israel Zepeda Farms Inc.
P.O. Box 325
Watsonville, CA 95076

RE: Notice to Repair Septic Tank System Assessor's Parcel Number 048-231-18

Dear Israel Zepeda Farms:

An inspection of your property located at 127 Atkinson Lane, Watsonville, Assessor's Parcel Number 048-231-18, on October 6, 2005, revealed the following condition:

1. Failing septic system.

This condition constitutes a violation of the California Health and Safety Code, Section 5411 and 17980 and must be corrected.

You are directed to take the following steps within 5 days of the receipt of this letter.

- Cease all above ground discharge of sewage
- Pump septic tank immediately and continue pumping as necessary to prevent surface discharge of sewage and send pumper reports to EHS until connection can be made to public sewer.
- Contact the City of Watsonville Public Works Department and connect to public sewer.

Please contact our office prior to taking any action to repair or replace any portion of your septic tank system including construction of greywater sumps. For significant work, you will need to submit design plans and apply for a repair permit. Some additional site investigation may be needed to confirm the suitability of the repair. It is important that you and your consultant or contractor consult with us and fully understand the work that is needed prior to finalizing a design or establishing a price for the work.

Should the necessary work not be done, this Department may institute summary abatement procedures and will refer the matter to the District Attorney for appropriate legal action. By Resolution of the Board of Supervisors, a violation reinspection fee will be assessed if reinspection on or after the compliance date noted above reveals that the violation has not been corrected.

Please note that any permit or approval issued by Environmental Health Services to correct any Housing Code violation, Health and Safety Code violation or related county Code violation shall not constitute an approval of any structure or use which exists in violation of County zoning or building regulations or a waiver of any existing violations of any County zoning or building regulations.

Please contact me as soon as possible at (831) 454-2746 between 9:00 a.m. and 11:00 a.m., Monday through Friday. We want to assist you in promptly achieving a satisfactory solution to this problem.

Very truly yours,

Rick Jones
Environmental Health Service

RJ:ls

EHS-146

RECEIVED BY RJ:ls DATE 9/20/05 COUNTY OF SANTA CRUZ # 4205 60 3000
 ENVIRONMENTAL HEALTH SERVICE
 WASTEWATER DISPOSAL INVESTIGATION
 APN: 48-231-18 SYSTEM _____
 ADDRESS LOCATION OF PROBLEM: 127 Atkinson Lane Watsonville
 SEWER: _____ DATE RESOLVED: 10/10/05 IS RECHECK NEEDED: N Y W L YR/MO: 1/06
 VIOLATION TYPE: F HAZARD: H ALLEGED VIOLATION: F

DESCRIPTION OF PROBLEM: gw discharge to Salinas Creek - white PVC pipe from building to the left of the driveway - runs by lawn area to creek

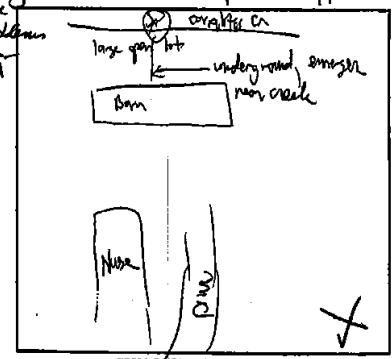
OWNER: Israel Zepeda Farms Inc PHONE: (H) 247-3236
 ADDRESS: P.O. Box 325, Watsonville PHONE: (W) 454-0161
95077

TENANT: _____ PHONE: _____
 COMPLAINANT: _____ PHONE: _____

ADDRESS: _____ CONTACTED 10/10/05

USE: SR MR COM Farm
 BDRMS _____ TANK _____ GAL.
 LEACHFIELD _____ SQ. FT.
 LEACHFIELD DEPTH _____ FT.
 REPAIRED _____
 PUMPED 5/1/01
 PAST FAILURE _____
 EST. WINTER G.W. _____
 DEPTH GW/RISER _____
 SOILS _____
24 ac

DATE	ACTIVITY
06/01/05	met owner on site - walked property. Located ~ 2' PVC discharging to ditch then to creek. Owner agreed that septic system will be in need of repair & referred to city sewer dept. Note: City sewer extends to property line (Portugal Hill) may be more cost-effective for owner to consider hook-up to city.
10/7/05	Water test
10/10/05	127 Atkinson Lane - town equipment truck had crushed a tight line & on camp place had temporarily 46" duct sewage - line has been repaired - by gas line repaired and over cleaned up. They are 10' from sewer line - will call again problem develop - both tanks scheduled for pumping



SKETCH OF SYSTEM

HSA-50 (REV. 8/05)

SEPTIC TANK PUMPING AND INSPECTION REPORT

PUMPER NAME: DeG Sanitation INSPECTION DATE: 5/7/01
 JOB LOCATION: 127 Atkinson Ln APN: 048-231-18
 JOB CITY/AREA/CLOSEST CROSS STREET: Watsonville
 OWNER: Israel Zepeda ADDRESS: same
 REQUESTED BY: owner ADDRESS: same

REASON FOR PUMPING/INSPECTION
 MAINTENANCE HAULAWAY SALE INSPECTION SYSTEM FAILURE REPAIR OTHER

PROPERTY USE: HOME OTHER OCCUPIED? YES NO SLUDGE DISPOSAL LOCATION: WATS. SERVIC. CO.

SEPTIC TANK: SIZE 1500 GALLONS PUMPED 1500 BOTH COMPARTMENTS PUMPED?
 TYPE: REDWOOD CONCRETE POLY FIBERGLASS OTHER

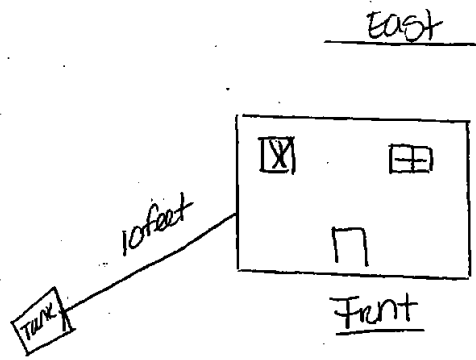
CONDITION OF TANK	GOOD	FAIR	POOR	REPAIRS RECOMMENDED	REPAIRS COMPLETED/DATE
SEPTIC ELLS/TEES	<input checked="" type="checkbox"/>				
TANK TOP AND/OR LIDS	<input checked="" type="checkbox"/>				
SIDES/BOTTOM OF TANK	<input checked="" type="checkbox"/>				
BAFFLES	<input checked="" type="checkbox"/>				

OPERATIONAL LEVEL: HIGH LOW NORMAL DATE LAST PUMPED: ?

LEACHING SYSTEM

PRESENT OR PAST HIGH LEVEL IN TANK YES NO
 LIQUID FLOWBACK WHILE PUMPING? YES NO
 SIGNS OF SURFACING EFFLUENT? YES NO LOCATION: _____
 SEPARATE GREYWATER DISCHARGE? YES NO TO SUMP ONTO GROUND
 OTHER SYSTEM COMPONENTS/NOTES: THIS DRAWING REFERS TO THE CAPABILITY OF THE DRAINAGE TO
RECEIVE THE AVAILABILITY OF WATER IT HAS BEEN RECEIVING RECENTLY. IT DOES NOT MEAN THAT
IT WILL NOT FLOWBACK & CAUSE PROBS.

SYSTEM LOCATION (SKETCH OR DESCRIBE, WITH MEASURED DIMENSIONS AND DIRECTION OF NORTH; INCLUDE AN PERTINENT FEATURES SUCH AS PAVED AREAS, SURFACING EFFLUENT, CREEKS, LARGE TREES, ETC)



JUL 09 2001

SEPTIC TANK PUMPING AND INSPECTION REPORT

Pumper Name: DeG Sanitation Inspection Date: 10-8-92
 Job Location: 127 Atkinson Lane APN: #048-231-0218
 Job City: Watsonville
 Owner: Israel Zepeda Address: 127 Atkinson Lane
 Requested by: same as above Address: same as above

Reason for pumping/inspection: Maintenance Haulaway System
 Sale Inspection System Failure Other

Property Use: Home Other Occupied? Yes No

SLUDGE DISPOSAL LOCATION: Watsonville
 SEPTIC TANK SIZE: 1500 GALLONS PUMPED: 1500

TYPE: REDWOOD CONCRETE FIBERGLASS OTHER

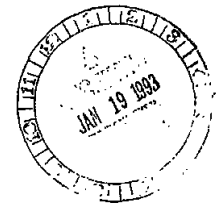
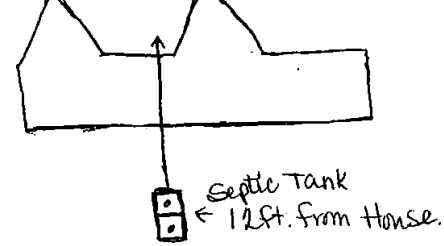
CONDITION OF TANK:	Good	Fair	Poor	Repairs Recommended	Repairs Completed
Septic ells/tees		<input checked="" type="checkbox"/>			
Tank top and/or lids		<input checked="" type="checkbox"/>			
Sides/bottom of tank		<input checked="" type="checkbox"/>			
Baffles		<input checked="" type="checkbox"/>			

OPERATIONAL LEVEL: High Low Normal Date Last Pumped: _____

LEACHING SYSTEM

PRESENT OR PAST HIGH LEVEL IN TANK YES NO
 LIQUID FLOWBACK WHILE PUMPING? YES NO
 SIGNS OF SURFACING EFFLUENT? YES NO
 SEPARATE GREYWATER DISCHARGE? YES NO TO SUMP ONTO GROUND
 OTHER SYSTEM COMPONENTS/NOTES: 10-8-92 system appears to
be operating adequately at time of inspection

SYSTEM LOCATION (Sketch or describe, with dimensions and direction of north)



4211

L

048-231-18, sysno 01, 127 ATKINSON LANE

L

SANTA CRUZ COUNTY PLANNING DEPARTMENT
BUILDING PERMIT ROUTING TRANSMITTAL SHEET

Application Number: 10649M APN: 16-231-18

To Department ENVIR. HEALTH

Please review attached plans and Return to Records Room within Five (5) Days.

<input checked="" type="checkbox"/>	Approved	<input type="checkbox"/>	Not Approved
<input type="checkbox"/>	Conditional Approval	<input type="checkbox"/>	Not Applicable
<input type="checkbox"/>	Fee Only	<input type="checkbox"/>	Hold

Remarks: _____ Fee\$ 0

No septic addition needed.

BY: Robert L. Hansen DATE: 5/25/93

White - Applicant Goldenrod - Planning Dept. Pink - Review Dept.

ASSESSOR'S PARCEL NUMBER 48-231-18 DATE 1/11/94

WE ARE UNABLE TO COMPLETE THE PROCESSING OF YOUR

- WATER WELL PERMIT
- INDIVIDUAL WATER SYSTEM PERMIT
- INDIVIDUAL SEWAGE DISPOSAL PERMIT
- BUILDING PLAN # _____

NEEDED INFORMATION:

- Approved Water Supply
- Soil Excavation
- Percolation Test
- Sump Pump's Report
- Groundwater Observation During Rainy Season
- Plot Plans
- Annual Operating Permit
- Additional Fees Due: _____
- Other: I need to make a final visit to your well site to make the well good. Please call me to make an appointment.

* Until all the required information is provided, review of the Sewage Disposal Permit application cannot be completed for a determination of Funding or Compliance (i.e. permit approved). Application shall be deemed a good void if all required information is not submitted within 12 months of the date of application.

Your individual Sewage Disposal Permit Application will expire on: _____ PHONE: 654-2714
QUESTIONS? CALL: Robert H. Atkinson
HSA-106 (REV. 1/93) (BETWEEN 8:00 AM AND 5:30 PM MONDAY-FRIDAY ONLY)

*1/11/94 = Gate not locked in visit on 1/7/94.
Need access by Dave. B. Rankin*

4600

048-231-18, sysno 01, 127 ATKINSON LANE

PERMIT APPLICATION PROCESSING CHECK LIST
WATER SUPPLY

1st section to 130'-150' topsoil to 80' *1/13/92 Fri*

NAME: Zapeda ASSESSOR'S PARCEL NUMBER 48-231-120-18

I.R. = INFORMATION REQUIRED D.N.A. = DOES NOT APPLY WHEN STATUS CHANGES FROM "NO" TO "YES"
(MARK IN "NO" COLUMN) (MARK IN "YES" COLUMN) MAKE CORRECTION ON FORM - INITIAL AND DATE

WELL CONSTRUCTION

- | NO | YES | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | APPLICATION COMPLETE (CHECK LIST IN REGULATIONS) <i>received 1/14/92</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | INFORMATION COMPLETE (NEED: <u>Pajaro Review</u>) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | LOT SIZE ACCEPTABLE (SEE REVERSE) <i>Lottery - see attached letter</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | NO VEHICULAR RIGHT-OF-WAY WITHIN PROPERTY <i>NA</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | WATER DISTRICT REVIEW (CENTRAL, LOMPICO, PAJARO VALLEY MANAGEMENT, SAN LORENZO VALLEY, SANTA CRUZ CITY, SCOTTS VALLEY, SOQUEL CREEK SERVICE AREAS) <i>received 1/14/92</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | OUTSIDE FLOOD PLAIN AREA |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | OUTSIDE RIPARIAN CORRIDOR |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | OWNER/CONTRACTOR EXEMPTION COMPLETED <i>(deceased well driller)</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 FEET FROM ANY SEWAGE DISPOSAL SYSTEM AND EXPANSION AREA |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 50 FEET FROM ANY PROPERTY LINE |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | OLD WELL PROPERLY ABANDONED <i>(will supplement)</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | PAJARO GROUNDWATER PROTECTION ZONE, "E" LOG REQ'D COMPLETION IN ONE AQUIFER ONLY |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | ENVIRONMENTAL ASSESSMENT TO BE CONSIDERED (CHECK WITH SUPERVISOR) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | CEQA EXEMPT |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | COASTAL ZONE (SEE PLANNING) EXCLUSION OKAY IF SERVES ONLY 1 SFD AND NOT IN GROUNDWATER EMERGENCY, SALT WATER INTRUSION, SENSITIVE HABITAT, URBAN AREA (URBAN/RURAL BOUNDARY) OR APPEALABLE AREAS OF COASTAL ZONE. |

WATER SERVICE

- PUBLIC WATER SYSTEM - NOTICE OF APPROVED WATER CONNECTION SUBMITTED AND CHECKED BY WATER SPECIALIST
- INDIVIDUAL WATER SYSTEM TO SERVE LOT(S) > 15,000 SQUARE FEET AND CONDITIONS MET (AS SHOWN ON REVERSE)
- SHARED INDIVIDUAL WATER SYSTEM - ALL LOTS TO BE SERVED ARE CONTIGUOUS
- INDIVIDUAL WATER SYSTEM - PUMP TEST MEETS STANDARD
- INDIVIDUAL WATER SYSTEM - PUMP TEST LESS THAN 2 YEARS OLD
- INDIVIDUAL WATER SYSTEM - BACTERIOLOGICAL TEST MEETS STANDARD
- INDIVIDUAL WATER SYSTEM - SAMPLE COLLECTED BY THIRD PARTY
- INDIVIDUAL WATER SYSTEM - CHEMICAL TEST MEETS STANDARD
- WELL LOG
- SHARED INDIVIDUAL WATER SYSTEM - DEEDED INTEREST IN WATER SYSTEM RECORDED AND SUBMITTED

MISCELLANEOUS CONSTRAINTS: The well supplement on whether or well on adjacent parcel owned by same owner. Copies are already present.

COMPLETED BY: B. Parsons DATE: 1/8/92 CHECKED BY: 2/1 DATE: 1-14-92

SANTA CRUZ COUNTY
ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312
SANTA CRUZ, CA 95060

Israel Zapeda
P.O. Box 325
Watsonville Ca.
95077

48-231-18

AGORD. CERTIFICATE OF INSURANCE		ISSUE DATE (MM/DD/YY)			
PRODUCER Kamila King & Harrison Insurance Agency, Inc. 120 W. Court Street, Ste. B Woodland, Ca 95695 Kamila, King & Harrison Insurance Agency, Inc. 1-57-03/06062 Dan King-02		1/6/93			
COMPANIES AFFORDING COVERAGE					
COMPANY LETTER	A	CalFarm Insurance			
COMPANY LETTER	B				
COMPANY LETTER	C				
COMPANY LETTER	D				
COMPANY LETTER	E				
INSURED Eaton Drilling Co, Inc. P.O. Box 975 Woodland, Ca 95695					
COVERAGES THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES.					
CO. LTR.	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	CAP 0542795	7/9/92	7/9/93	BODILY INJURY OCC. \$
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM				BODILY INJURY AGG. \$
	<input checked="" type="checkbox"/> PREMISES/OPERATIONS				PROPERTY DAMAGE OCC. \$
	<input checked="" type="checkbox"/> UNDERGROUND EXPLOSION & COLLAPSE HAZARD				PROPERTY DAMAGE AGG. \$
	<input checked="" type="checkbox"/> PRODUCTS/COMPLETED OPER.				BI & PD COMBINED AGG. \$ 1,000,000
	CONTRACTUAL				BI & PD COMBINED AGG. \$ 1,000,000
	INDEPENDENT CONTRACTORS				PERSONAL INJURY AGG. \$ 1,000,000
	<input checked="" type="checkbox"/> BROAD FORM PROPERTY DAMAGE				
	PERSONAL INJURY				
A	AUTOMOBILE LIABILITY	BA 0542789	7/9/92	7/9/93	BODILY INJURY (Per Person)
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per Accident)
	<input checked="" type="checkbox"/> ALL OWNED AUTOS (Piv. Perm.)				PROPERTY DAMAGE
	<input checked="" type="checkbox"/> ALL OWNED AUTOS (Other Than Hired Autos)				BODILY INJURY & PROPERTY DAMAGE COMBINED
	<input checked="" type="checkbox"/> HIRED AUTOS				EACH OCCURRENCE \$ 2,000,000
	NON-OWNED AUTOS				AGGREGATE \$ 2,000,000
	GARAGE LIABILITY				
A	EXCESS LIABILITY	LMB 0482771	7/2/92	7/2/93	STATUTORY LIMITS
	<input checked="" type="checkbox"/> UMBRELLA FORM				EACH ACCIDENT \$
	OTHER THAN UMBRELLA FORM				DISEASE-POLICY LIMIT \$
	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY				DISEASE-EACH EMPLOYEE \$
	OTHER				
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS Add as additional insured; Santa Cruz County Health Services Agency, for drilling of test hole and water wells performed by the insured.					
CERTIFICATE HOLDER Santa Cruz County Health Services Agency Environmental Health Service 701 Ocean Street Santa Cruz, Ca 95060			CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE		

1.	2.	3.	4.	5.
Lots in existence prior to 12/7/70 and not under any of the conditions of Subsection 5, below Lot created after 12/7/70 and not under any of the conditions of Subsection 5, below Lot created after 12/7/70 and not under any of the conditions of Subsection 5, below Lot created after 12/7/70 and not under any of the conditions of Subsection 5, below Lot created after 12/7/70 and not under any of the conditions of Subsection 5, below	Lots with PUBLIC WATER SUPPLY Lots with PRIVATE WATER SUPPLY Lots with PUBLIC WATER SUPPLY Lots with PRIVATE WATER SUPPLY Lots with PUBLIC WATER SUPPLY	6,000 SQ. FT. 6,000 SQ. FT. 15,000 SQ. FT. 0.5 AC. 2.5 AC.	1) 2) 3) 4) 5)	(a) Water supply unobtainable in the original 1/2 and north 1/2 and honey-bon Planning Area (including Kristen Park and water quality Constraint Areas) (b) Water supply unobtainable in the original 1/2 and north 1/2 and honey-bon Planning Area (including Kristen Park and water quality Constraint Areas) (c) Water quality Constraint Areas (d) Kristen Park Subdivision (e) Kristen Park Subdivision (f) Kristen Park Subdivision (g) Kristen Park Subdivision (h) Kristen Park Subdivision (i) Kristen Park Subdivision (j) Kristen Park Subdivision (k) Kristen Park Subdivision (l) Kristen Park Subdivision (m) Kristen Park Subdivision (n) Kristen Park Subdivision (o) Kristen Park Subdivision (p) Kristen Park Subdivision (q) Kristen Park Subdivision (r) Kristen Park Subdivision (s) Kristen Park Subdivision (t) Kristen Park Subdivision (u) Kristen Park Subdivision (v) Kristen Park Subdivision (w) Kristen Park Subdivision (x) Kristen Park Subdivision (y) Kristen Park Subdivision (z) Kristen Park Subdivision

MINIMUM LOT SIZE FOR EXISTING LOTS OF RECORD

NOTES FOR TABLE OF MINIMUM LOT SIZES FOR EXISTING LOTS OF RECORD

1) Lots of less than 6,000 square feet may be used for individual sewage disposal systems only if the lot has not, at any time since December 17, 1970, been held by the same owner of any contiguous undeveloped property which could have been combined with the lot to increase its area to at least 6,000 square feet. (Amended 5/10/88).

2) Lots of less than one acre but more than 15,000 square feet may use both an individual sewage disposal system and on-site water supply if the applicant demonstrates that a public water supply cannot be obtained and that contiguous land cannot be acquired to enlarge the lot to at least one acre.

3) For lots of less than 2 1/2 acres in the Kristen Park Subdivision, the applicant for an individual sewage disposal permit must submit documentary evidence that he or she has encumbered the property with a deed, mortgage, deed of trust, or other instrument which is enforceable and recorded by document on file with the Recorder, all rights to construct any improvements which would be located upon at least one other separate lot of record, whether contiguous or noncontiguous, within the Kristen Park Subdivision.

4) Exception to the 2 1/2 acre minimum lot size for parcels within the Kristen Park area may be made where one of the following conditions is met:

a) The lot is combined with a contiguous undeveloped property to form one parcel of at least 2 1/2 acres.

b) The applicant submits documentary evidence that he or she has legally encumbered the property with a deed, mortgage, deed of trust, or other instrument which is enforceable and recorded by document on file with the Recorder, all rights to construct any improvements which would be located on an existing contiguous or noncontiguous parcel, or part of a parcel, located within the same watershed, so that the total acreage of the parcel included in the subdivision is at least 2 1/2 acres. The parcel which shall be legally encumbered from development, shall equal or exceed 2 1/2 acres.

c) The Regional Water Quality Control Board grants a waiver pursuant to Section 7.50.050 (b).

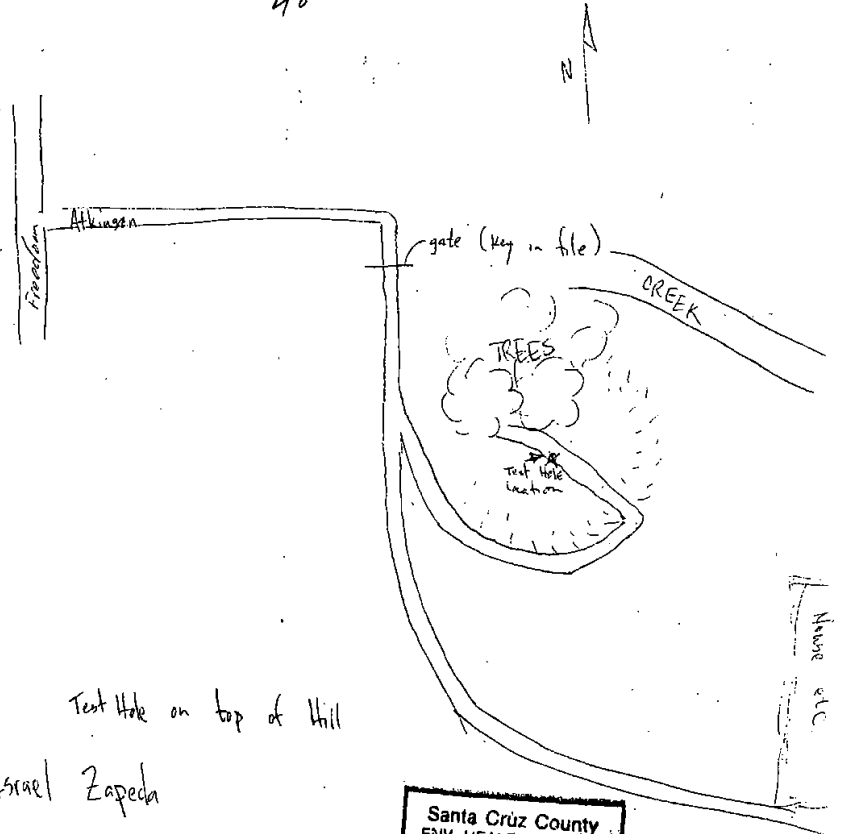
5) Where parcels located in a designated septic constraint area are also in the Coastal Zone, specific Coastal Zone minimum parcel size constraints shall prevail.

+916-662-3342 EATON DRILLING CO.

457 P02 JAN 06 '93 17:06



48-231-18



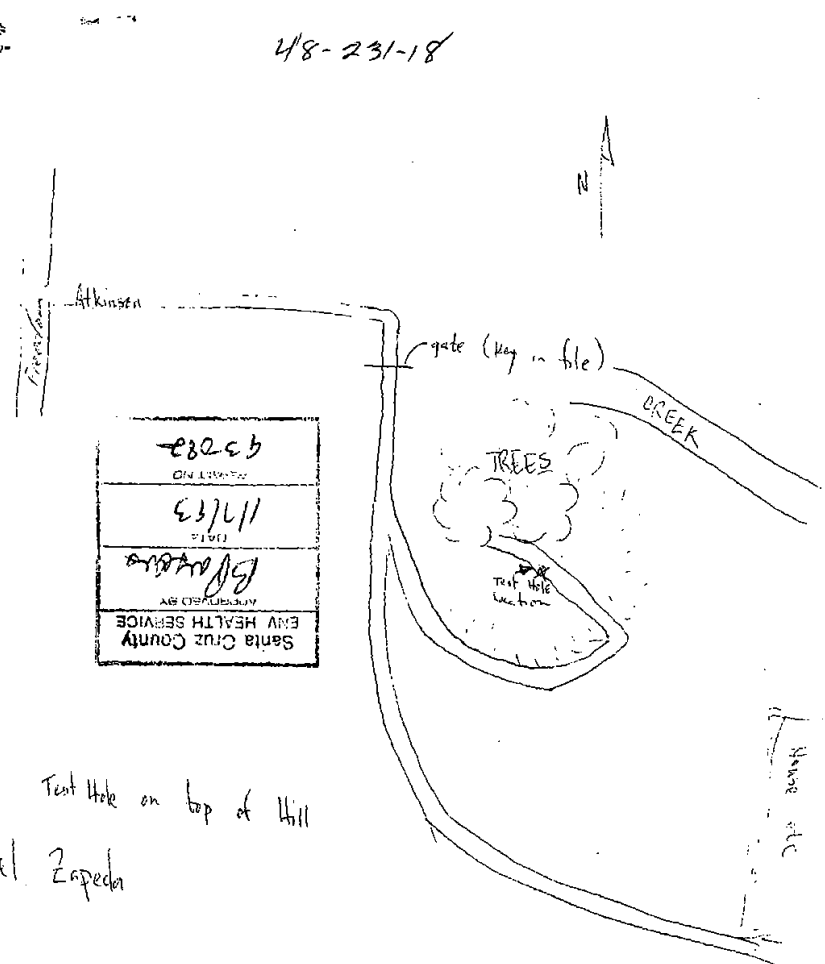
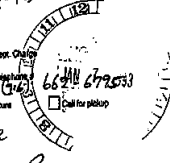
Test Hole on top of Hill

Israel Zapeda

Santa Cruz County ENV HEALTH SERVICE
APPROVED BY <i>B. Vasquez</i>
DATE 1/7/93
PERMIT NO 93-002

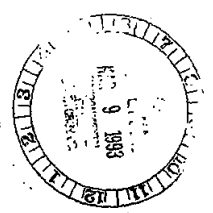
Fax Transmittal Memo

To: **Bob Farsens**
 Company: **Santa Cruz County Health/Environmental Hlth**
 Location: **Israel Zapeda Well**
 Fax #: **457-2433**
 Company: **Bill Brewster**
 Company: **Eaton Drilling**
 Location: **Watson Drilling**
 Fax #: **662-3342**
 Date: **1/5/93**
 Time: **48-231-18**
 Subject: **Site Location Map & Copy of Contractors License**
 Insurance Company Will Fax & Mail appropriate info.
 Mr. Zapeda will deliver letter to Don Peterson



830cb
 ON 1/5/93
 1/1/93
 Bill Brewster
 APPROVED BY
 Santa Cruz County
 ENV HEALTH SERVICE

Test Hole on top of Hill
 Israel Zapeda



SANTA CRUZ COUNTY HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060 (408) 425-2341

1100 127 Atkinson Ave.
Left, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th

APPLICATION FOR WELL PERMIT

48-231-0518

93-002

SITE ADDRESS (ASSESSOR'S PARCEL NUMBER) (PARCEL SIZE) (PERMIT NUMBER)
OWNER Atkinson & Freedom
OWNER ISRAEL ZAPEDA ADDRESS PO Box 325, Watsonville 95077
DRILLING CONTRACTOR Earon Drilling Co. LICENSE # 33783-657 PHONE (416) 662-6795

DESIGN SPECIFICATIONS: CONSTRUCTION REPAIR DESTRUCTION

INTENDED USE DISTANCE FROM WELL SITE TO: TYPE OF WELL CONSTRUCTION CASH REGISTER VALIDATION
DOMESTIC: SEPTIC SYSTEMS 100' ROTARY
PRIVATE PUBLIC SEWER 100' CABLE
IRRIGATION NEAREST PROPERTY LINE 100' DUG
COMMERCIAL/INDUSTRIAL CASING OTHER
MONITORING: SINGLE DOUBLE
GROUNTR VADOSE MATERIAL ASTM-155 steel
OTHER: TYPE OF JOINT _____ ESTIMATED WORK DATES
GRAVEL PACK START 01/04/93 COMPLETION 4/24/93

(SPECIFY)
WITHIN WATER DISTRICT SERVICE AREA NO YES NAME: Pajaro Valley District (FORM HSA-579-REQUIRED)

CONSTRUCTION
DEPTH (FT.) 400' DIAMETER (IN.) 12" DEPTH OF SEAL (FT.) 50' WIDTH OF SEAL (IN.) 6"

EXISTING WELLS ON PROPERTY:
1. OTHER WELLS ON PROPERTY: NUMBER: 0 TYPES: DOMESTIC IRRIGATION COMMERCIAL USE OTHER
2. CONDITION OF OTHER WELLS ON PROPERTY: IN USE 1/1A TO BE DESTROYED
3. IF NEW WELL REPLACES AN EXISTING WELL, INDICATE INTENTIONS FOR USE OF REPLACED WELL:
 TO SUPPLEMENT NEW WELL TO BE DESTROYED OTHER

WELL DESTRUCTION: DEPTH OF WELL _____ DEPTH OF SEAL: _____ NUMBER OF WATER FORMATIONS PENETRATED _____
CLEANING OF WELL REQUIRED YES: NO: SEALING MATERIAL _____

PLOT PLAN: ATTACH 2 COPIES OF PLOT PLAN (SEE REVERSE FOR REQUIREMENTS)
1 ACRE LOT REQUIRED FOR BOTH WELL & SEPTIC UNLESS EXEMPT BY COUNTY CODE CHAPTER 7

I HEREBY AGREE TO COMPLY WITH ALL LAWS AND REGULATIONS OF THE COUNTY OF SANTA CRUZ AND STATE OF CALIFORNIA PERTAINING TO WELL CONSTRUCTION, AND DECLARE UNDER PENALTY OF PERJURY THE INFORMATION SUBMITTED ON THIS APPLICATION IS TRUE AND CORRECT. I WILL CONTACT THE ENVIRONMENTAL HEALTH SERVICE WHEN I COMMENCE THE WORK. WITHIN 15 DAYS AFTER COMPLETION OF WORK I WILL FURNISH THE ENVIRONMENTAL HEALTH SERVICE A REPORT OF THE WORK PERFORMED AND NOTIFY THEM BEFORE PUTTING THE WELL INTO USE. I UNDERSTAND THAT THIS PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUANCE. I UNDERSTAND APPROVAL OF THE WELL PERMIT DOES NOT INDICATE WHETHER THIS PROPERTY IS SUITABLE FOR AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM OR THAT A PERMIT TO INSTALL SUCH SYSTEM WILL BE GRANTED.

WORKER'S COMPENSATION CERTIFICATE
A CURRENTLY EFFECTIVE CERTIFICATION OF WORKERS COMPENSATION INSURANCE IS ON FILE WITH THIS OFFICE.
INSURANCE CARRIER _____ POLICY # _____
I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKER'S COMPENSATION LAWS OF CALIFORNIA

PROPERTY OWNER Israel Zapeda DRILLING CONTRACTOR Earon Drilling Co. 1.4.93

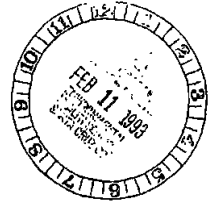
FOR OFFICE USE ONLY

ENVIRONMENTAL ASSESSMENT REQUIRED YES NO
SITE INSPECTION DATE 1/11/93 EHS SPECIALIST [Signature] WELL SEAL WITNESSED:
APPLICATION APPROVAL DATE 1/14/93 [Signature] YES DATE 2/25/93
FINAL INSPECTION DATE 1/14/94 [Signature] NO upper head → 0-90
RECEIPT OF WELL LOG DATE 3/11/93 [Signature]
DISPOSITION OF OTHER WELLS: ABANDONED DESTROYED SUPPLEMENT
COMMENTS: Ensure that well is installed in small area, above flood plain. B. Zapeda

DISTRIBUTION: WHITE - EHS / YELLOW - WELL DRILLER / PINK - EHS SPECIALIST / GOLDENROD - FISCAL CONTROL
Well seal witness approved but is not a contractor. He is not a contractor. He is not a contractor.

COUNTY OF SANTA CRUZ

48-231-18



DATE: February 11, 1993
TO: WHOM IT MAY CONCERN
FROM: CLERK OF THE BOARD OF SUPERVISORS OFFICE
SUBJECT: POSTING OF NOTICE OF EXEMPTION

The attached Notice of Exemption has been posted in the office of the Clerk of the Board, 701 Ocean Street, Room 500, Santa Cruz, California, for thirty (30) days.

FROM: January 11, 1993

TO: February 11, 1993

4-93

NOTICE OF EXEMPTION

TO: Santa Cruz County Clerk of the Board
701 Ocean Street, Santa Cruz, CA 95060
FROM: Environmental Health Services, County of Santa Cruz
701 Ocean Street, Santa Cruz, CA 95060 (408) 425-2341

Application Number 93-002 Assessor's Parcel Number 48-231-18-018
Project Location Atkinson & Freedom
Project Description Replacement Irrigation Well
Person or Agency Proposing Project Israel Zepeda Phone Number _____

THIS NOTICE HAS BEEN POSTED IN THE OFFICE OF THE BOARD OF SUPERVISORS, COUNTY OF SANTA CRUZ, CALIFORNIA, PERIOD COMMENCING 1/6/93 TO 1/13/93

Finding: The above referenced project is exempt from the provisions of CEQA under the Categorical Exemption Class indicated below:

Class 2 (Replacement or Reconstruction).
This permit authorizes replacement or reconstruction of an existing well with no substantial increase in capacity.
(County Guidelines Section 1802; C.C.R. Section 15302)

Class 3 (New Construction of Small Structures).
This permit authorizes a new or supplemental well designed to serve residential or small commercial uses not involving water use greater than that associated with two single family dwellings; or

This permit authorizes a supplemental agricultural well where production has declined in the existing well(s) and no significant increase in overall water usage will occur.
(County Guidelines Section 1803; C.C.R. Section 15303).

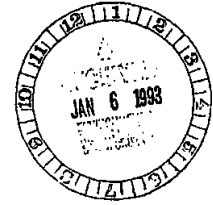
Class 6 (Information Collection).
This permit authorizes a test well, monitoring well or cathodic protection well. Conversion to a production well is not authorized.
(County Guidelines Section 1806; C.C.R. Section 15306).

Signature Robert A. Parsen Title R.E.H.S. Date 1/8/93

HSA-470
Rev. 3/90
Distribution: Original: Clerk of the Board Copy: EHS



Israel Zepeda Farms Inc.
127, Atkinson Lane,
Watsonville, Calif,
Phone, No. 761-0161.



Santa Cruz County Environmental Health Service.
Attention: Dan Peterson And Bob Parsen.

Dear Sirs.

The application for a new well is to replace the existing well because it is no longer capable of supplying the necessary water for the need of this farm which consist of approximately of 60 farmable acres, this new well will be only for the same exact acres it will be not be for any other purpose then to replace the old well,.

They have checked may old well and videotaped the inside and the casing is coming apart, the experts said that this old well just about had it, I, have experiewnced problems with it since 1987 this old well is located on parcel Number 048-231-01. the new well will be drilled on a different parcel, this parcel number is 048-23231-02. I, Appreciatye if you can give me the permit to start, as son is possible because I, have 40 Acres of Strowberrys that I, just planted Last November 1992. and in the case of no rain it need tu be irrigated in orden tu save the plants.

I Thank You in advance.

Sincerly Yours.
Israel Zepeda Farms Inc.
Israel Zepeda, President.

Israel Zepeda Date 1-6-93

48-231-18

COUNTY OF SANTA CRUZ

INTER-OFFICE CORRESPONDENCE

DATE: January 8, 1993
TO: PAJARO VALLEY WATER DISTRICT
FROM: ENVIRONMENTAL HEALTH
SUBJECT: SEPTIC PERMIT APPLICATION(S) FOR REVIEW/COMMENT

ENCLOSED IS A COPY OF WELL PERMIT APPLICATION # 93-002
ASSESSOR'S PARCEL NUMBER 048-231-18 FOR YOUR
REVIEW.
PLEASE DIRECT ANY COMMENTS OR CORRESPONDENCE TO Robert Parsons

VIAPNS100S
01/08/93

COUNTY OF SANTA CRUZ

VIAPNP100S
08:24:30

PARCEL INQUIRY BY APN OF SPLITS/COMBOS HISTORY

APN 048 231 02

FROM HISTORY	OLD APN	A P VOLUMN S S PAGE	REC. DATE	S/C/R DATE	EXPL A P S S	NEW APN	FROM TO HISTORY
1	048-231-02	A R		9-26-91	SP T T	048-231-17	* 1
2	048-231-02	A R		9-26-91	SP T T	048-231-18	* 2

O OR N: : LINE NUMB: : T OR F: :
KEY NEW APN, OR PRESS PF1/PF7 OR ENTER 'O' OR 'N' (FOR OLD OR NEW),
LINE NUMBER, 'T' OR 'F' (FOR TO OR FROM), AND PRESS ENTER

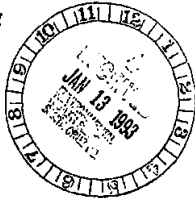
4B[

Aa

E0--SESSION1 R 5 C 10 0-0 8:27 1/08/93

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY
ENVIRONMENTAL HEALTH SERVICE

701 OCEAN STREET, ROOM 312
SANTA CRUZ, CA 95060
(408) 425-2341



REVIEW OF APPLICATION FOR WELL PERMIT

The application to be made to the County for Well Permit on the following property has been reviewed:

Assessor's Parcel Number: 048-231-#18

Property Owner's Name: ISRAFI ZAFEDA

Mailing Address: P.O. BOX 325
WATSONVILLE, CA 95077

We have no comments relative to this application.

We have the following comments:

SEE ENCLOSURE

PAJARO VALLEY WATER MANAGEMENT AGENCY
NAME OF WATER DISTRICT/AGENCY

BY: *Mark McMan*

TITLE: WATER RESOURCES SPECIALIST

DATE: 1/12/93

DISTRIBUTION: WHITE - EHS/ YELLOW - WATER DISTRICT/ PINK - APPLICANT

HSA-579
9/88



PAJARO VALLEY WATER MANAGEMENT AGENCY

145 WESTRIDGE DRIVE
WATSONVILLE, CA 95076
(408) 722-9282
FAX (408) 722-3139



PVWMA NEW WELL CONSTRUCTION REQUIREMENTS

The PVWMA imposes three requirements on new well construction:

1) Wellhead construction. In addition to the minimum County standards, the PVWMA requires that the new wellhead be able to accommodate the installation of a water meter at some future date. In effect, this requirement means that the wellhead plumbing must provide an accessible segment of straight pipe equivalent in length to at least 15 pipe diameters. For example, if the pipe diameter is 3 inches, then the wellhead design must include an accessible segment of straight pipe at least 45 inches long. There is no present requirement, however, for the installation or use of a water meter.

2) Well registration. The new well owner or operator must register the new well with the PVWMA within 90 days after construction is completed. (Note: All existing wells, including inactive or destroyed wells, must also be registered with the PVWMA.)

3) Extraction reporting. The new well owner or operator must file semi-annual extraction reports with the PVWMA for any "large" well that serves an agricultural, industrial, or commercial zoned parcel. For the purposes of extraction reporting, a "large" well is defined as one having a discharge pipe that measures 3 inches in diameter or greater. (Note: The extraction reporting requirement applies to both new and existing wells.)

Well registration and extraction report forms may be obtained at the PVWMA office or at several other Pajaro Valley locations.

Please contact the PVWMA for further information or assistance.

48-231-18

NOTICE OF EXEMPTION

TO: Santa Cruz County Clerk of the Board
701 Ocean Street, Santa Cruz, CA 95060
FROM: Environmental Health Services, County of Santa Cruz
701 Ocean Street, Santa Cruz, CA 95060 (408) 425-2341

Application Number 93-002 Assessor's Parcel Number 48-231-18
Project Location Atkinson + Freedom
Project Description Replacement Irrigation Well
Person or Agency Proposing Project Israel Zapeda Phone Number _____

Finding: The above referenced project is exempt from the provisions of CEQA under the Categorical Exemption Class indicated below:

- Class 2 (Replacement or Reconstruction).**
This permit authorizes replacement or reconstruction of an existing well with no substantial increase in capacity.
(County Guidelines Section 1802; C.C.R. Section 15302)
- Class 3 (New Construction of Small Structures).**
This permit authorizes a new or supplemental well designed to serve residential or small commercial uses not involving water use greater than that associated with two single family dwellings; or
This permit authorizes a supplemental agricultural well where production has declined in the existing well(s) and no significant increase in overall water usage will occur.
(County Guidelines Section 1803; C.C.R. Section 15303).
- Class 6 (Information Collection).**
This permit authorizes a test well, monitoring well or cathodic protection well. Conversion to a production well is not authorized.
(County Guidelines Section 1806; C.C.R. Section 15306).

Signature Robert A. Paredes Title R.E.H.S. Date 11/8/93

HSA-470
Rev. 3/90
Distribution: Original: Clerk of the Board Copy: EHS



The EDR Aerial Photo Decade Package

Atkinson Lane Specific Plan/Master Plan
56, 78 and 127 Atkinson Lane
Watsonville, CA 95076

Inquiry Number: 2201986.5

April 24, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

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Date EDR Searched Historical Sources:

Aerial Photography April 24, 2008

Target Property:

56, 78 and 127 Atkinson Lane
Watsonville, CA 95076

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1948	Aerial Photograph. Scale: 1"=555'	Flight Year: 1948	Exxon
1956	Aerial Photograph. Scale: 1"=555'	Flight Year: 1956	Aero
1964	Aerial Photograph. Scale: 1"=400'	Flight Year: 1964	Mark Hurd
1975	Aerial Photograph. Scale: 1"=333'	Flight Year: 1975	Cartwright
1981	Aerial Photograph. Scale: 1"=690'	Flight Year: 1981	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2005	Aerial Photograph. Scale: 1"=484'	Flight Year: 2005	EDR

2201986.5













INQUIRY #: 2201986.5
YEAR: 2005
= 484'



**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

56 Atkinson Lane
Watsonville, California 95076
Assessor's Parcel # 019-226-08 and # 048-211-25

PREPARED FOR:

Atkinson Lane LLC
Attn: Owen Lawlor
129 Water Street
Santa Cruz, CA 95060

PROJECT No. 661-1

August 3, 2006

PREPARED BY:

Jennifer Morris
Jennifer Morris
Staff Geologist

REVIEWED BY:

Peter Littman
Peter Littman, REA
Environmental Investigation Services, Inc.
15466 Los Gatos Blvd., Suite 109-062
Los Gatos, California 95032

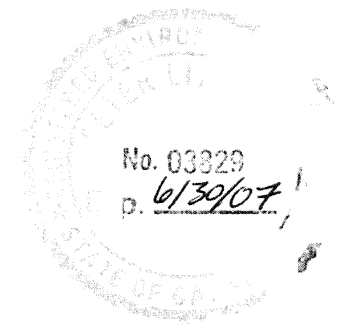


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I. EXECUTIVE SUMMARY

Environmental Investigation Services Inc. (EIS) has completed an environmental site assessment of the residential property at 56 Atkinson Lane, identified at APNs 019-226-08 and 048-211-25, Watsonville, California. Peter Littman Cal EPA Registered Environmental Assessor reviewed this report prepared by Jennifer Morris, staff geologist, according to ASTM Standards.

This Executive Summary is provided solely for the purpose of overview. Any party who relies on this report must read the full report. The Executive Summary omits a number of details, any one of which could be crucial to the proper understanding and risk assessment of the subject matter.

In the professional opinion of EIS, an appropriate level of inquiry has been made into the previous ownership and uses of the property, consistent with good commercial and customary practice, in an effort to minimize liability, and no evidence or indication of Recognized Environmental Conditions has been revealed, except for the historical presence of an orchard for at least 20 years on the eastern side of the subject property.

The subject property was inspected on July 31, 2006. The subject property consists of 4 acres of residential land, and is occupied by a residence and approximately seven generally vacant sheds in the southwest portion of the subject property. The sheds appear to have been originally used for storage of vehicles and farm equipment, animals, and agricultural supplies. Currently, the westernmost shed houses a pool table as well as equipment and household storage. In the vicinity of the sheds southwest of the residence, there are a few small debris piles consisting primarily of old wooden boards, and including some old tires. A couple of empty plastic drums and one closed plastic drum, all resembling water drums frequently present in the vicinity of water wells, were also present in the vicinity of the sheds. One other unlabeled drum was present east of the residence and north of the sheds. An unpaved driveway on the western portion of the subject property extends from Atkinson Lane to the southwestern portion of the subject property. Approximately 0.25 acres in the southeast portion of the subject property are occupied by a wetland. The remainder of the subject property is primarily composed of a grassy field. The subject property borders a church and apartments to the west, a PG&E substation to the south, a slough and single-family residences to the east, and single family residences to the north across Atkinson Lane.

No manufacturing of toxic, hazardous materials, or petrochemicals was observed at the property during EIS's site visit, aside from small quantities of household chemicals and motor oil, and there is no evidence of USTs on the subject property. Historically, the sheds appear to have been used to store and repair vehicles and farm equipment, to house animals, and to store agricultural supplies.

A review of historical references revealed that the eastern portion of the subject property was an orchard from at least 1931 until the 1950s, after which time it was an empty field. The residence on the subject property was built in approximately 1889, and the sheds

were constructed between approximately 1890 and 1900. The property has been used as a residence up until present day.

The review of historical references also revealed that the property to the north across Atkinson Lane and the adjoining properties to the east, west and south were agricultural until at least 1963.

The subject property was not listed on any of the databases searched by EDR.

Based on the list review, there are no NPL, landfill, RCRA TSD, Cal-Sites, CERCLIS/NFRAP, or SLIC sites located within ½ mile of the subject property. There are five Leaking Underground Storage Tank (LUST) sites located within ¼ mile of subject property. All of the LUST sites are located down gradient or are considered unlikely to impact the subject property because of the regulatory status, site distance, and hydraulic gradients.

II. CONCLUSIONS AND SPECIFIC RECOMMENDATIONS

EIS recommends the following further investigation at this time:

1. Prior to development of the subject property for residential use, it would be prudent to perform a soil investigation on the eastern portion of the subject property to determine whether historical use of pesticides or fertilizers on the orchards have impacted the shallow soil.
2. It would be prudent to perform a soil and groundwater investigation in the vicinity of the sheds and garage to determine whether historic storage and repair of vehicles and farm equipment, as well as storage of agricultural supplies, has impacted the subject property's soil and groundwater resources.
3. It would be prudent to determine the contents of the closed drums, and to dispose of any hazardous materials according to state and federal regulations. Remove any other farm equipment or debris from the subject property, and dispose of it in a permitted landfill.
4. Because the structures were built prior 1978, an asbestos and lead based paint inspection is recommended prior to demolition or renovation of the buildings.

III. SCOPE OF WORK

This Phase I Environmental Assessment (ESA) was prepared in accordance with *EIS's* Proposal No. 661-1 with respect to the residential property located at 56 Atkinson Lane, Watsonville, California, identified at APNs 019-226-08 and 048-211-25. This was an investigation in general accordance with industry guidelines. The work conducted by *EIS* is limited to the services agreed to with the Atkinson Lane LLC, and no other services beyond those explicitly stated should be inferred or are implied.

The objective of this Environmental Site Assessment was to evaluate the subject site for potential recognized environmental concerns as outlined in the standards reference above. *EIS's* professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in the location of the subject site at the time of our investigation. This warranty is in lieu of all other warranties, expressed or implied.

Our professional judgment regarding the potential for environmental impacts is based on limited data, and our investigation was not intended to be a definitive investigation of contamination at the site. Unless specifically set forth in our proposal, the scope of work did not include groundwater sampling, soil sampling or other subsurface investigations, a strict compliance audit of the site, or a review of the procedures for hazardous material use, waste storage or handling prior to disposal, or for personnel safety and health training and monitoring procedures, analyses of radon, formaldehyde, lead paint, asbestos and other hazardous materials or indoor air quality, occupational health and safety or wetlands surveys.

Regarding any subsurface investigation, sampling undertaken or subsurface reports reviewed, our opinions are limited to only specific areas and analytes evaluated and *EIS* will not be held accountable for analyte quantities falling below recognized standard detection limits for the laboratory method utilized. *EIS* does not warrant or guarantee the subject property suitable for any particular purpose, or certify the subject site as "clean" or free on contamination. As with any assessment, it is possible that past or existing contamination remains undiscovered.

The professional opinions set forth in this report are based solely upon and limited to *EIS's* visual observations of the site and the immediate site vicinity, and upon *EIS's* interpretations of the readily available historical information, interviews with personnel knowledgeable about the site, and other readily available information. Consequently, this report is complete and accurate only to the extent that cited reports; agency information and recollections of persons interviewed are complete and accurate.

The opinions and recommendations in this report apply to site conditions and features, as they existed at the time of *EIS's* investigation. They cannot necessarily apply to conditions and features of which *EIS* is unaware and has not had the opportunity to evaluate. Future regulatory modifications, agency interpretations, and/or policy changes may also affect the compliance

status of the subject property. *EIS* has made no attempt to address future financial impacts to the site (e.g., reduced property values) as a result of potential subsurface contaminant migration.

This Phase I Environmental Assessment was prepared for the sole and exclusive use of Atkinson Lane LLC, the only intended beneficiary of our work. This report is intended exclusively for the purpose outlined herein and the site locations and project indicated and is intended to be used in its entirety. No excerpts may be taken to be representative of the findings of this assessment. The scope of services performed in execution of this investigation may not be appropriate to satisfy other users, and any use or reuse of this document or its findings, conclusions or recommendations presented herein is at the sole risk of the user. This report is not a specification for further work and should not be used to bid out any of the recommendations found within.

IV. SURVEY FINDINGS

A. GENERAL INFORMATION

1. **PROPERTY NAME AND ADDRESS:** The subject property is identified at APNs 019-226-08 and 048-211-25, 56 Atkinson Lane, Watsonville, California.
2. **FACILITY/SITE DESCRIPTION:** The subject property was inspected on July 31, 2006. The subject property consists of approximately 4 acres of land. The southwestern portion of the property is occupied by an approximately 1,056-sf single family residence with an attached two-car garage with a dirt floor. A septic system is located near the southeast corner of the residence. Southwest of the residence there are approximately seven generally vacant sheds with dirt floors. The sheds appear to have been originally used for storage and maintenance of vehicles and farm equipment, animals, and agricultural supplies. Currently, the westernmost shed houses a pool table as well as equipment and household storage, including small quantities of hazardous materials such as one-quart bottles of motor oil and household cleaners. Tire tracks were visible on the dirt floor of one of the sheds southwest of the residence. In the vicinity of the sheds southwest of the residence, there are a few small debris piles consisting primarily of old wooden boards, and including some old tires. A couple of empty plastic drums and one closed plastic drum, all resembling water drums frequently present in the vicinity of water wells, were also present in the vicinity of the sheds. One other unlabeled drum was present east of the residence and north of the sheds.

A driveway runs along the entire western edge of the property. Another driveway extends from the southwestern portion of APN 019-226-08 to the vicinity of the residence and the garage. A trailer is parked in the southwest corner of the subject property, near the property boundary, and a small horse trailer is parked on the driveway near the house. Approximately 0.25 acres in the southeastern portion of the subject property are occupied by a wetland. The remainder of the subject property is comprised of a large grassy field.

3. **CURRENT USE OF PROPERTY:** A residence, several sheds, a slough, and a grassy field currently occupy the subject property. The grass is periodically allowed to grow and then cut for hay.
4. **HISTORICAL USE OF PROPERTY:** Review of the available Santa Cruz County Assessor's records, aerial photographs, historical topographic maps, and city directory abstracts listed in Section V revealed the existing residence was built on the southeastern portion of the subject property in approximately 1889, and the sheds were constructed between 1890 and 1900. From 1931 until the 1950s, the eastern section of the subject property was occupied by an orchard. Since the 1950s this section of the property has been an empty field.

Review of the historical sources revealed the following site history since 1931. Dates are approximate as city directories, aerial photographs, etc. were not available for every year.

56 Atkinson Lane	Orchard and Residence	1931-1950s
56 Atkinson Lane	Grassy Field and Residence	1950s-2006

The historical presence of orchards on the eastern section of the subject property for approximately 20 years is a Recognized Environmental Concern (REC). In addition, historic uses of the sheds and garage may have included storage and repair of farm equipment and vehicles, as well as for storage of agricultural supplies, including pesticides, fertilizers, and automotive chemicals.

5. **CURRENT USE OF SURROUNDING PROPERTIES:** The western adjoining properties include a church and apartments. The eastern adjoining properties are a wetland and single family residences. The southern adjoining property is a PG&E substation. Single family residences comprise the properties to the north across Atkinson Lane.
6. **HISTORICAL USE OF SURROUNDING PROPERTIES:** A review of historical aerial photographs, city directories, and Santa Cruz County Planning Department files reveals that the subject property and surrounding area were developed from a generally agricultural area to a residential area.

The western adjoining property was agricultural land from 1931 until approximately 1963 when the existing church was constructed. The land south of the church and west of the subject properties remained undeveloped until at least 1993 when the existing residences were built. The southern adjoining property was agricultural land until approximately 1963, and by 1964 the existing PG&E substation was built. The properties to the north of the subject property across Atkinson Lane were agricultural from 1931 until the existing residences were constructed in approximately 1957. The property to the southeast has remained a wetland since 1931.

B. PHYSICAL CHARACTERISTICS

1. **TOPOGRAPHY:** The subject property is located in Santa Cruz County. The elevation is approximately 114 feet above mean sea level. In the subject property vicinity, the topographic gradient slopes to the southeast, towards the slough.
2. **SOILS:** According to a Soil Survey of Santa Cruz County, California, soils encountered at the subject property are Watsonville loam, and are characterized by

dark grayish-brown loam underlain by a light-grey sandy loam and light-brown and light-grey clay.

3. VEGETATION: Approximately seventy-five percent of the subject property is grassy area. This grassy area is located in the north and east sections of the subject property.
4. GEOLOGY: According to the Soil Survey and the EDR report the bedrock was formed in a quaternary alluvial environment. A wetland occupies approximately 0.25 acres in the southeast portion of the subject property.
5. HYDROLOGY: According to measurements reported in *2nd Quarter 2006 Ground Water Monitoring Results* for Former Chevron Service Station 9-7517, 1488 Freedom Boulevard, Watsonville, California (SAIC, July 20, 2006), depths to groundwater approximately ¼ mile southwest of the subject property range from 3 feet to 6 feet below ground surface. The subject property does not fall under the requirements of the National Pollutant Discharge Elimination System (NPDES).

C. NATURAL HAZARDS

1. FLOOD ZONE: The subject property appears to be outside the 500 year flood zone.
2. SEISMIC: No known active faults are believed to exist within the site, and fault rupture is therefore not anticipated. Strong ground shaking can be expected at the site during moderate to severe earthquakes in the general region. There is a low risk of liquefaction of soils in the vicinity of the subject property during an earthquake.
3. RADON: Radon gas is a by-product of the radioactive decay of uranium. The gas forms as uranium molecules eject some protons and neutrons from their nuclei changing first into thorium, then radium, and finally radon. Radon tends to accumulate in uranium-rich metamorphic rocks, glacial moraines and till deposits derived from uranium-bearing rocks, marine organic shales, soils derived from carbonate rocks, and uranium-containing alluvial sediments deposited by rivers, deltas, lakes, etc. Outgassing of radon has not been identified as a problem in most of Santa Cruz County. According to radon survey results published by the Department of Health Services, the arithmetic mean or average for all measurements carried out in Region 2, Watsonville location, is 0.00 pico curies per liter of air (pCi/L). The level above which the U.S. Environmental Protection Agency recommends that action be taken to reduce radon levels is 4.0 pCi/l.

4. SENSITIVE ECOLOGICAL AREAS: A wetland occupies approximately 0.25 acres of the southeastern portion of the subject property. The wetland extends beyond the subject property to the south and east.
5. MASS WASTING: No physical evidence of mass wasting, such as landslides or ground subsidence, was observed at the subject property.

D. SITE CHARACTERISTICS

1. PARKING: A driveway runs along the western edge of the property. Another driveway splits off at a diagonal and leads to a two car garage. Several of the sheds appear to have been designed to house vehicles.
2. ROADWAYS: Subject property is on the south side of Atkinson Lane, Watsonville.
3. FENCING: There is fencing along the perimeter of the subject property except along the slough. A picket fence separates the subject property from residences to the east. A barbed-wire fence borders the subject property along Atkinson Lane as well along the western boundary of the subject property. Another barbed wire fence runs southeastward from the adjoining residence's picket fence, across a portion of the grassy field and parallel with the driveway. In the southwest corner of the subject property, a chain-link fence separates the PG&E substation from the subject property. A home made fence of wood and sheet metal surrounds the house and sheds.
4. STORAGE: There are approximately seven sheds in the southwest corner of the subject property. Most of these sheds appear to be empty, though one contains a pool table and miscellaneous storage. Historically, these sheds may have been used to store vehicles, farm equipment, agricultural supplies, and to house livestock.
5. EASEMENTS: There is a right of way for PG&E ingress and egress on the driveway on the western edge of the subject property.
6. WELLS: No wells were observed on the subject property, and no records of wells were available from SCCEHD. However, the presence of the plastic drums suggests that historically, a well may have been present on the subject property.
7. SUMPS: No sumps were observed on the subject property.
8. DITCHES: No drainage ditches were observed on the subject property.
9. CATCH BASINS: No catch basins were observed on the subject property.

10. SEWAGE SYSTEM: There is a septic system for the subject property, located near the southeast corner of the residence.
11. POTABLE WATER SYSTEM: There subject property receives water from the City of Watsonville.
12. WASTE WATER SYSTEM: Wastewater is not currently generated on the subject property.

E. HAZARDOUS MATERIALS AND OPERATIONAL SYSTEMS

1. BUILDING STRUCTURE: There is one residential structure in the southwest section of the subject property. According to Santa Cruz assessor files the residence is 1,056 sf and was constructed in approximately 1889. Attached to the south side of the residence are an approximately 225-sf addition and 360 sf garage with a dirt floor. Southwest of the residence are approximately seven sheds ranging from approximately 225 sf to 600 sf. The sheds were constructed between approximately 1890 and 1900 and are in poor condition. Based on the age of the structures, it is possible that asbestos-containing materials and lead-based paints are present.
2. INDUSTRIAL EQUIPMENT: There is some old farming plowing equipment on the subject property, including a rusted plow blade located in a shed southwest of the residence, and another rusted piece of farm equipment near the driveway and west of the sheds. Tire tracks are visible in the dirt floor of one of the sheds, suggesting recent storage of a vehicle or tractor on the subject property.

F. TOXICS, COMPRESSED GASES, AND PETROCHEMICALS

1. MANUFACTURE/USE: No manufacturing or use of toxic, hazardous materials, or petrochemicals was observed at the property during EIS's site visit, aside from small quantities of motor oil and household chemicals for individual use.
2. STORAGE: No evidence of exterior storage of hazardous materials was noted during the site inspection except for small quantities of automotive fluids and household chemicals for personal use in the sheds south of the residence. In addition, there were two sealed and unlabeled drums on the subject property; a plastic drum was located outside between two rows of sheds, and the other drum was located west of the residence near the driveway.
3. DISPOSAL: No evidence of any current onsite disposal of toxic, inflammable, or hazardous waste was noted during the site inspection.

4. UNDERGROUND STORAGE TANKS: No evidence of the presence of any underground storage tanks (USTs) was noted during the site inspection, and no records regarding USTs were available from SCCEHD.
5. ABOVEGROUND STORAGE TANKS: There are no aboveground storage tanks (ASTs) on the subject property.

G. POLLUTION SOURCES, CONTROLS, AND TREATMENT

1. AIR: The subject property has not been recorded as a source of air pollution by any regulatory agency.
2. SOIL AND GROUNDWATER: There is the potential for shallow soil contamination in the form of residual pesticides and fertilizers on the eastern side of the subject property formerly used as an orchard. In addition, there is the potential for soil and groundwater contamination in the vicinity of the sheds and the garage due to historic storage and repair of vehicles and farm equipment, as well as storage of fertilizers, pesticides, or automotive fluids.
3. SOLID WASTE: Outside of the sheds south of the garage there are some old pallets. In the vicinity of the sheds just southwest of the residence there are some old tires, wood debris, rusted metal farming equipment, and empty plastic drums.
4. HAZARDOUS WASTE: No hazardous waste is generated or stored on the subject property. However, there are two closed, unlabeled drums on the subject property: one near the sheds southwest of the residence, and one west of the residence and north of the sheds, near the driveway.

H. ON-SITE AND OFF-SITE ENVIRONMENTAL CONCERNS

A database search was conducted of an adjacent site and all surrounding sites by EDR. EDR database search distances were in accordance to the ASTM standards. The following lists were searched for a mile radius of the subject property; the U.S. Environmental Protection Agency (EPA) National Priorities List (NPL) sites list, the EPA corrective actions and associated treatment, storage, and disposal (CORRACTS-TSD) facility list, the State equivalent priority list (SPL). The following lists were searched within a ½ mile radius of the subject property; the CERCLIS NFRAP list, the EPA treatment, storage, and disposal facilities (TSD) list, the state equivalent CERCLIS list (SCL), the leaking underground storage tanks list (LUST), the solid waste landfills, incinerators, or transfer stations (SWLF) list, the sites with deed restrictions (DEED RSTR), the CORTESE list, and the toxic pits cleanup facilities list. The following lists were searched within a 1/4 mile radius of the subject property: The Resource Conservation and Recovery Information system – violations/enforcement actions (RCRIS-Viol), the Toxic Release Inventory Database (TRIS), and the registered

underground or aboveground storage tanks (UST/AST) list. The Emergency Response Notification System (ERNS), the EPA RCRA generator list, was searched for adjacent sites and the subject property. The search radius and site map and the results of the database search are found tabulated below and in a copy of the EDR ASTM report in Appendix C. The subject property was not recorded on any of the lists noted above.

Agency List	Search Radius	Number of Sites
NPL	1 mile	None
CERCLIS/NFRAP	0.5 mile	None
RCRA TSD	1 mile	None
RCRA Generator	Site & Adjacent	None
HAZNET	Site & Adjacent	None
UST	Site & Adjacent	None
CAL- SITES	1 mile	None
SWF/LF	0.5 mile	None
LUST	0.5 mile	11
SLIC	0.5 mile	None

Based on the list review, there are no NPL, landfill, RCRA TSD, Cal-Sites, CERCLIS/NFRAP, or SLIC sites located within ½ mile of the subject property. There are five Leaking Underground Storage Tank (LUST) sites located within ¼ mile of subject property. All of the LUST sites are located downgradient or are considered unlikely to impact the subject property because of the regulatory status, site distance, and hydraulic gradients.

V. INFORMATION SOURCES

A. ENVIRONMENTAL STUDIES

- Aerial Photographs from 1931, 1939, 1948, 1957, 1963, 1975, 1981, 1993, and 1998. The Environmental Data Resources (EDR) Aerial Photo Decade Package, 56 Atkinson Lane, Watsonville, California, 95076. Environmental Data Resources (EDR), Milford, Connecticut (August 1, 2006).
- USGS Topographic Map, 15' Series, Capitola Quadrangle from 1914. USGS Topographic Maps, 7.5' Series, Watsonville West Quadrangle from 1954, 1968, 1980, 1994, and 1995. EDR Historical Topographic Map Report, 56 Atkinson Lane, Watsonville, California, 95076. Environmental Data Resources (EDR), Milford, Connecticut (July 31, 2006).
- Polk City Directories, Watsonville, and Haines Criss-Cross Directories, Santa Cruz County Directory 1972-2006, not inclusive.
- The EDR Radius Map with GeoCheck, 56 Atkinson Lane, Watsonville, California, 95076. Environmental Data Resources (EDR), Milford, Connecticut (July 31, 2006).

B. ASSESSORS & BUILDING DEPARTMENT

- Santa Cruz County Assessors Department, Santa Cruz, CA.
- City of Watsonville Community Development Department, Watsonville, CA.

C. ENVIRONMENTAL HEALTH

- Santa Cruz County Environmental Health Department, Santa Cruz, CA.

D. WATER QUALITY

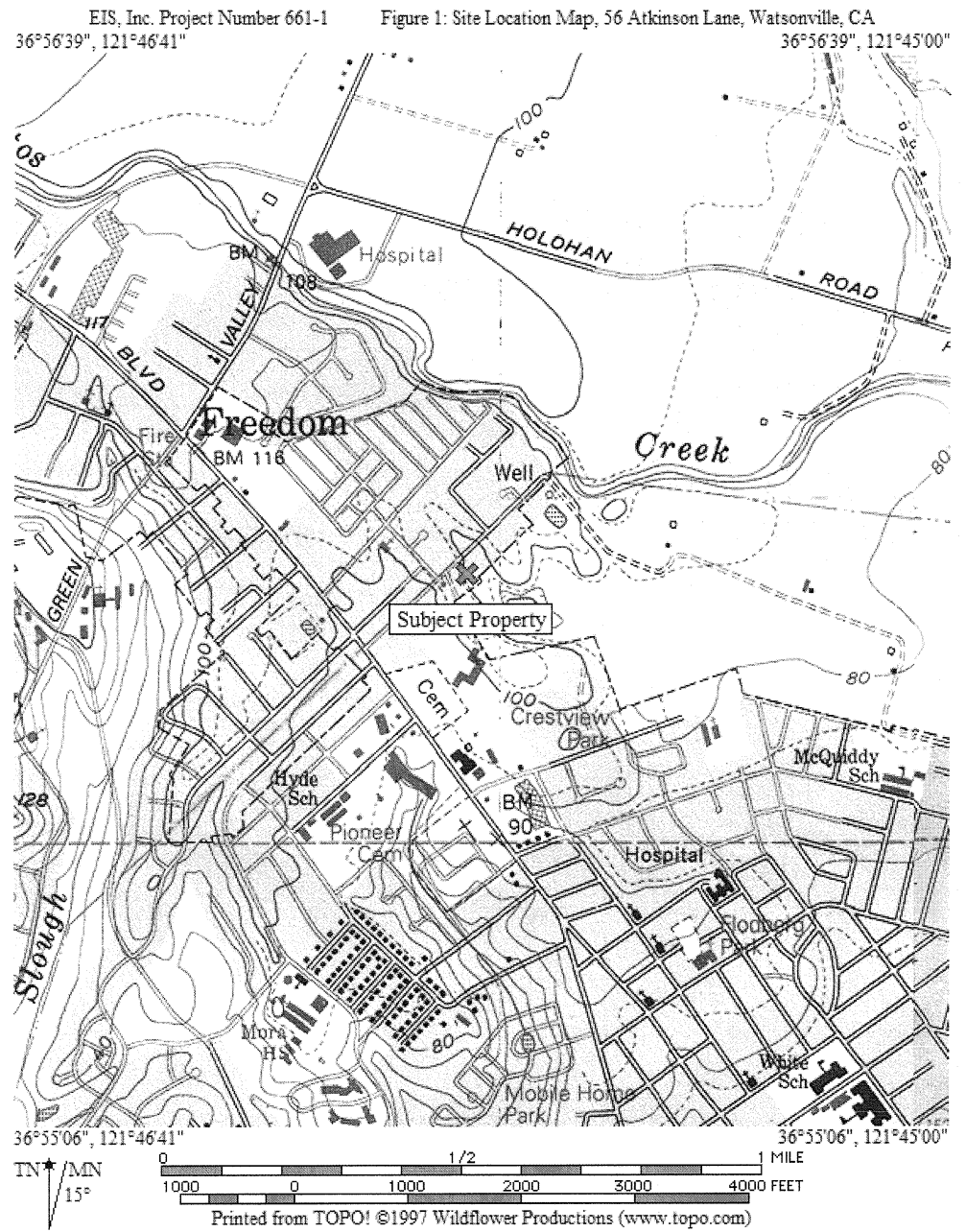
- California Water Resources Control Board, Sacramento.
- Central Coast Region, Water Quality Control Board.

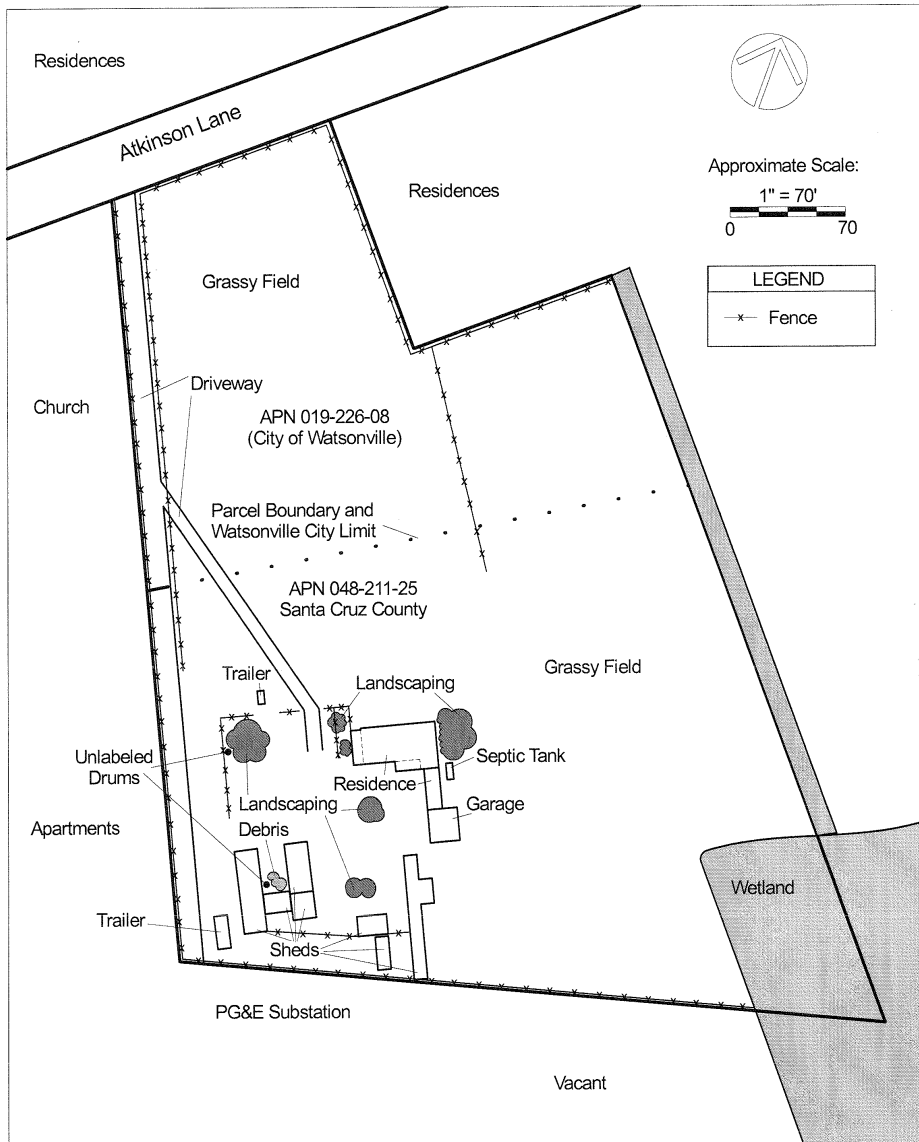
E. OTHER REPORTS

- Soil Survey of Santa Cruz County, California. United States Department of Agriculture Soil Conservation Service and University of California Agricultural Experiment Station, 1980.
- *2nd Quarter 2006 Ground Water Monitoring Results* for Former Chevron Service Station 9-7517, 1488 Freedom Boulevard, Watsonville, California (SAIC, July 20, 2006)

APPENDIX

FIGURES





PHOTOGRAPHS

ENVIRONMENTAL INVESTIGATION SERVICES, INC.
 15466 Los Gatos Blvd, Suite 109-062 Los Gatos, CA 95032
 (408) 395-7674/(888) 434-7462 Fax: (408) 399-7674

Project # 661-1
 August 2, 2006

Figure 2

Site Map
56 Atkinson Lane
Watsonville, California



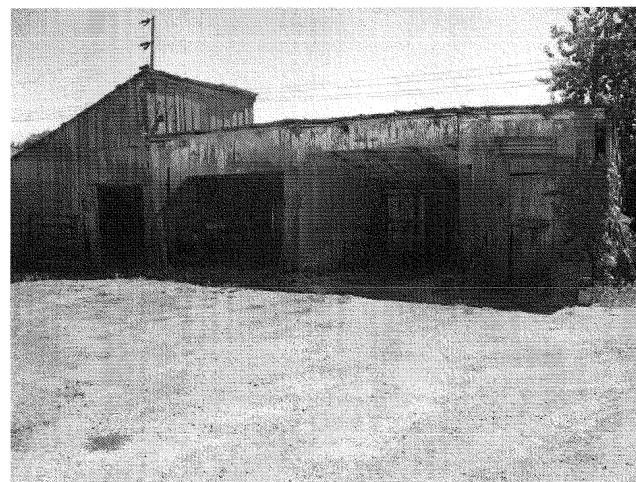
1. View of the subject property from Atkinson Lane, facing south.



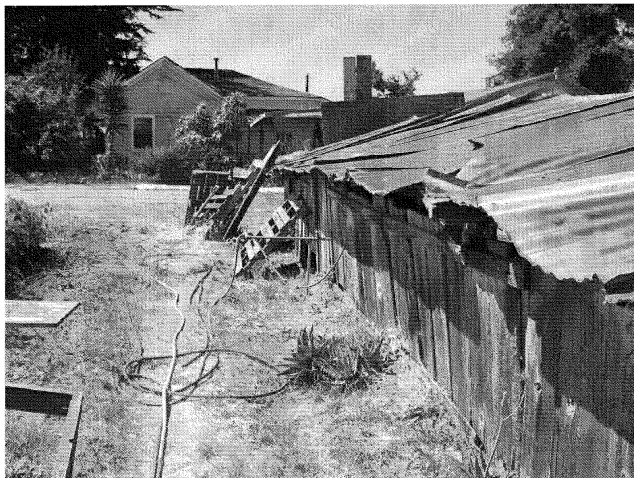
2. View of the driveway along the western edge of the subject property.



3. View of the garage attached to the southeast side of the residence.



4. View of sheds to the southwest of the residence, including equipment and storage.



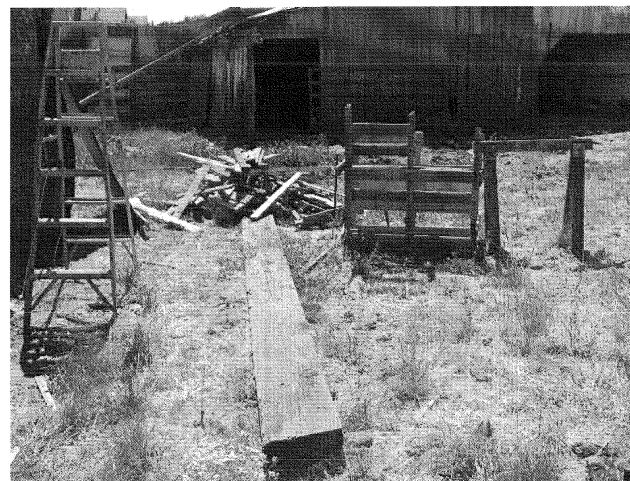
5. View of a row of sheds and old pallets just south of the residence.



6. View of sheds, tires, and empty plastic drums in the southwest corner of subject property, with PG&E substation in background.



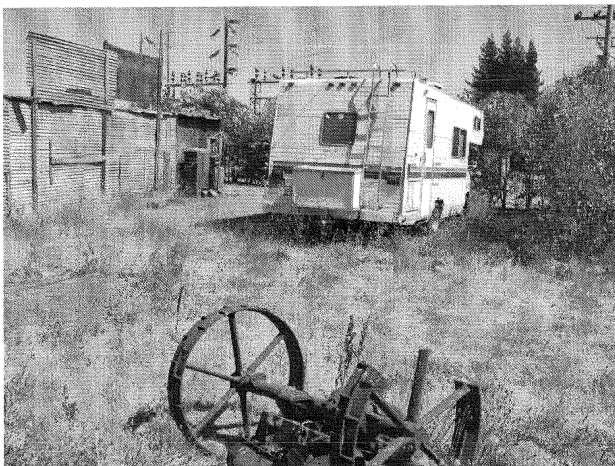
7. View of sheds southwest of the residence.



8. Wood debris near the sheds in the southwestern portion of the subject property.



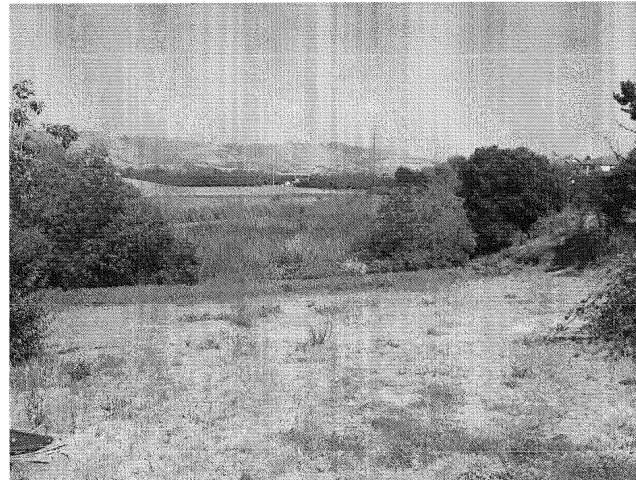
9. Sheds parallel to the driveway with a pool table and household and yard equipment storage.



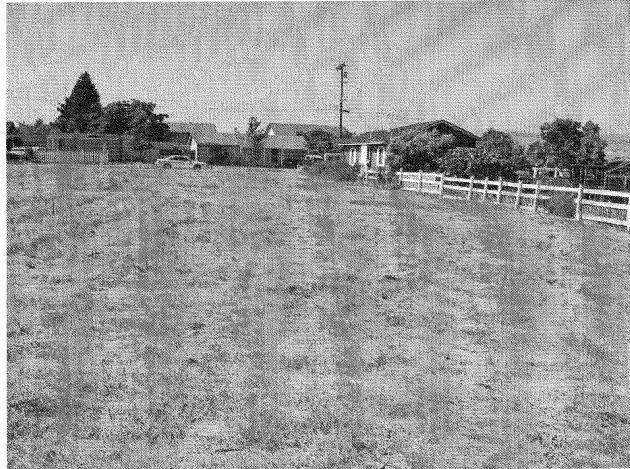
10. View of trailer and rusty farm equipment in the southwest corner of subject property, with PG&E substation in background.



11. View of PG&E substation.



12. View of the wetland in the southeast corner of the subject property.



13. View of the northern section of subject property along Atkinson Lane and eastern adjoining single-family residences, facing north.



14. View of western portion of subject property, facing west.



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

56 Atkinson Lane
56 Atkinson Lane
Watsonville, CA 95076

Inquiry Number: 1726052.2s

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

July 31, 2006

FORM STD-REP

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

56 ATKINSON LANE
WATSONVILLE, CA 95076

COORDINATES

Latitude (North): 36 931600 - 36° 55' 53.8"
Longitude (West): 121.765700 - 121° 45' 56.5"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 609926.5
UTM Y (Meters): 4087793.0
Elevation: 114 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36121-H7 WATSONVILLE WEST, CA
Most Recent Revision: 1998

East Map: 36121-H6 WATSONVILLE EAST, CA
Most Recent Revision: 1998

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL National Priority List
Proposed NPL Proposed National Priority List Sites
Delisted NPL National Priority List Deletions
NPL RECOVERY Federal Superfund Liens
CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

CORRACTS Corrective Action Report
RCRA-TSDF Resource Conservation and Recovery Act Information
RCRA-LQG Resource Conservation and Recovery Act Information
ERNS Emergency Response Notification System
HMIRS Hazardous Materials Information Reporting System
US ENG CONTROLS Engineering Controls Sites List
US INST CONTROL Sites with Institutional Controls
DOD Department of Defense Sites
FUDS Formerly Used Defense Sites
US BROWNFIELDS A Listing of Brownfields Sites
CONSENT Superfund (CERCLA) Consent Decrees
ROD Records Of Decision
UMTRA Uranium Mill Tailings Sites
ODI Open Dump Inventory
TRIS Toxic Chemical Release Inventory System
TSCA Toxic Substances Control Act
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS Section 7 Tracking Systems
ICIS Integrated Compliance Information System
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
MINES Mines Master Index File
FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

AWP Annual Workplan Sites
Cal-Sites Calsites Database
CA BOND EXP. PLAN Bond Expenditure Plan
NFA No Further Action Determination
NFE Properties Needing Further Evaluation
REF Unconfirmed Properties Referred to Another Agency
SCH School Property Evaluation Program
Toxic Pits Toxic Pits Cleanup Act Sites
SWF/LF Solid Waste Information System
CA WDS Waste Discharge System
WMUDS/SWAT Waste Management Unit Database
SLIC Statewide SLIC Cases
AST Aboveground Petroleum Storage Tank Facilities
CHMIRS California Hazardous Material Incident Report System
DEED Deed Restriction Listing
VCP Voluntary Cleanup Program Properties
CLEANERS Cleaner Facilities
WIP Well Investigation Program Case List
CDL Clandestine Drug Labs
HAZNET Facility and Manifest Data
EMI Emissions Inventory Data

TRIBAL RECORDS

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

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

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.

FEDERAL RECORDS

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
<i>DAVE AART DATSUN</i>	<i>1488 FREEDOM BLVD</i>	<i>1/8 - 1/4 SW</i>	<i>A7</i>	<i>10</i>

STATE AND LOCAL RECORDS

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

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 8 Cortese sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
<i>SHELL STATION</i>	<i>1830 FREEDOM BLVD</i>	<i>1/4 - 1/2 WNW</i>	<i>24</i>	<i>34</i>
<i>FREEDOM BP</i>	<i>1902 FREEDOM BLVD</i>	<i>1/4 - 1/2 WNW</i>	<i>25</i>	<i>36</i>
Lower Elevation	Address	Dist / Dir	Map ID	Page
FORMER CHEVRON STATION 9-	1488 FREEDOM	1/8 - 1/4 SW	A6	10
<i>WELLS FARGO BANK PROPERTY</i>	<i>1477 FREEDOM BLVD</i>	<i>1/8 - 1/4 SSW</i>	<i>B10</i>	<i>12</i>
<i>EMMA'S CAR WASH</i>	<i>1461 FREEDOM BLVD</i>	<i>1/8 - 1/4 SSW</i>	<i>C11</i>	<i>14</i>
<i>REGAL STATION #432</i>	<i>1455 FREEDOM BLVD</i>	<i>1/8 - 1/4 S</i>	<i>C13</i>	<i>19</i>
<i>ULTRAMAR BEACON #400</i>	<i>1597 FREEDOM BLVD</i>	<i>1/8 - 1/4 W</i>	<i>D19</i>	<i>25</i>
<i>TIMES STATION</i>	<i>1640 FREEDOM BLVD</i>	<i>1/4 - 1/2 WNW</i>	<i>20</i>	<i>27</i>

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 07/10/2006 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
TOMRA PACIFIC INC/TROPICANA FO	1424 FREEDOM BLVD	1/4 - 1/2 S	E23	33

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

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

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
<i>LONE TREE PROP</i>	<i>1719 FREEDOM BLVD</i>	<i>1/4 - 1/2 WNW</i>	<i>21</i>	<i>29</i>
Facility Status: Case Closed				
<i>SHELL STATION</i>	<i>1830 FREEDOM BLVD</i>	<i>1/4 - 1/2 WNW</i>	<i>24</i>	<i>34</i>
Facility Status: Case Closed				
<i>FREEDOM BP</i>	<i>1902 FREEDOM BLVD</i>	<i>1/4 - 1/2 WNW</i>	<i>25</i>	<i>36</i>
Facility Status: Post remedial action monitoring				
<i>E'S RANCH MILK</i>	<i>1 GREEN VALLEY RD</i>	<i>1/4 - 1/2 WNW</i>	<i>26</i>	<i>39</i>
Facility Status: Case Closed				
Lower Elevation	Address	Dist / Dir	Map ID	Page
FORMER CHEVRON STATION 9-7517	1488 FREEDOM BLVD	1/8 - 1/4 SW	A5	8
Facility Status: Post remedial action monitoring				
<i>WELLS FARGO BANK PROPERTY</i>	<i>1477 FREEDOM BLVD</i>	<i>1/8 - 1/4 SSW</i>	<i>B10</i>	<i>12</i>
Facility Status: Case Closed				
<i>EMMA'S CAR WASH</i>	<i>1461 FREEDOM BLVD</i>	<i>1/8 - 1/4 SSW</i>	<i>C11</i>	<i>14</i>
Facility Status: Case Closed				
<i>NELLA OIL CO</i>	<i>1455 FREEDOM BLVD</i>	<i>1/8 - 1/4 S</i>	<i>C12</i>	<i>16</i>
Facility Status: Post remedial action monitoring				
<i>ULTRAMAR BEACON #400</i>	<i>1597 FREEDOM BLVD</i>	<i>1/8 - 1/4 W</i>	<i>D19</i>	<i>25</i>
Facility Status: Remedial action (cleanup) Underway				

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TIMES STATION Facility Status: Case Closed	1640 FREEDOM BLVD	1/4 - 1/2 WNW 20		27
TOSCO - FACILITY #5535 Facility Status: Remedial action (cleanup) Underway	1428 FREEDOM BLVD	1/4 - 1/2 S	E22	31

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NELLA OIL/EXXON STATION	1455 FREEDOM	1/8 - 1/4 S	C14	20
BEACON STATION #400	1597 FREEDOM BLVD	1/8 - 1/4 W	D16	21

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

A review of the UST list, as provided by EDR, and dated 07/11/2006 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ONE STOP EXXON #33	1455 FREEDOM BLVD	1/8 - 1/4 S	C15	21
BEACON STATION #3-400	1597 FREEDOM BLVD	1/8 - 1/4 W	D18	25

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 8 HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JAMS IZUMIZAKI	50 BLANCA LN	1/8 - 1/4 NW	1	6
RENT POWER, INC.	1484 FREEDOM BLVD	1/8 - 1/4 SW	A2	6
RENT POWER INC.	1484 FREEDOM BLVD	1/8 - 1/4 SW	A3	6
97517	1488 FREEDOM BLVD	1/8 - 1/4 SW	A4	7
FOWLE RESERVOIR	1521 FREEDOM BLVD	1/8 - 1/4 WSW	8	11
R.V. AHLPORT INC, FREEDOM EXXO	1477 FREEDOM BLVD	1/8 - 1/4 SSW	B9	11
REGAL STATION #432	1455 FREEDOM BLVD	1/8 - 1/4 S	C13	19
BEACON STATION #400	1597 FREEDOM BLVD	1/8 - 1/4 W	D17	23

EXECUTIVE SUMMARY

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NELLA OIL/EXXON STATION	1455 FREEDOM	1/8 - 1/4 S	C14	20
BEACON STATION #400	1597 FREEDOM BLVD	1/8 - 1/4 W	D16	21

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

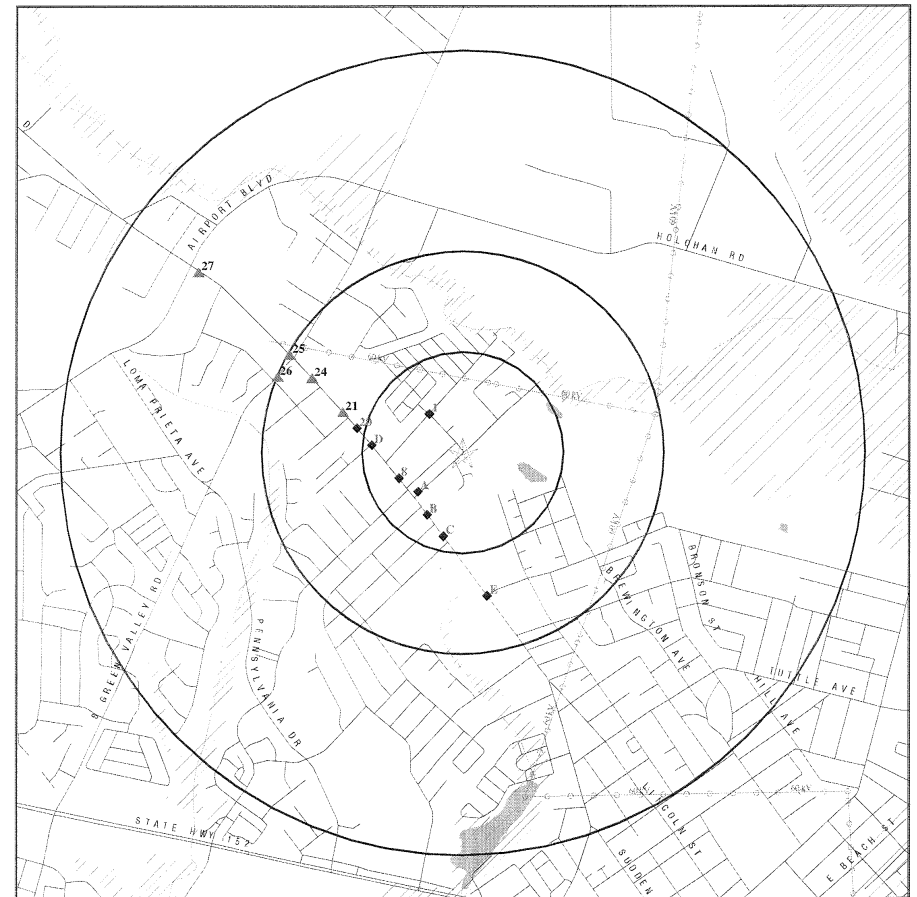
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SCHIAVON UNOCAL STATION	2001 FREEDOM BLVD	1/2 - 1 NW	27	40

EXECUTIVE SUMMARY

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

Site Name	Database(s)
E'S RANCH MILK	LUST, Cortese, HIST UST
MOSS LANDING POWER PLANT	CERC-NFRAP
PG&E GAS PLANT WATSONVILLE 408 8	CERC-NFRAP
PG&E GAS PLANT WATSONVILLE 408 8A	CERC-NFRAP
EB 129 BETWEEN MURPHYS CROSSING AND ROGGE LANE	ERNS
LABAMBA LANE	ERNS
TRUCK SPILL	SLIC
WESTERN FARM SERVICES - GREEN GRO FACILITY	SLIC
MOSS LANDING	REF
BOYER FERTILIZER SERVICE, INC	REF

OVERVIEW MAP - 1726052.2s



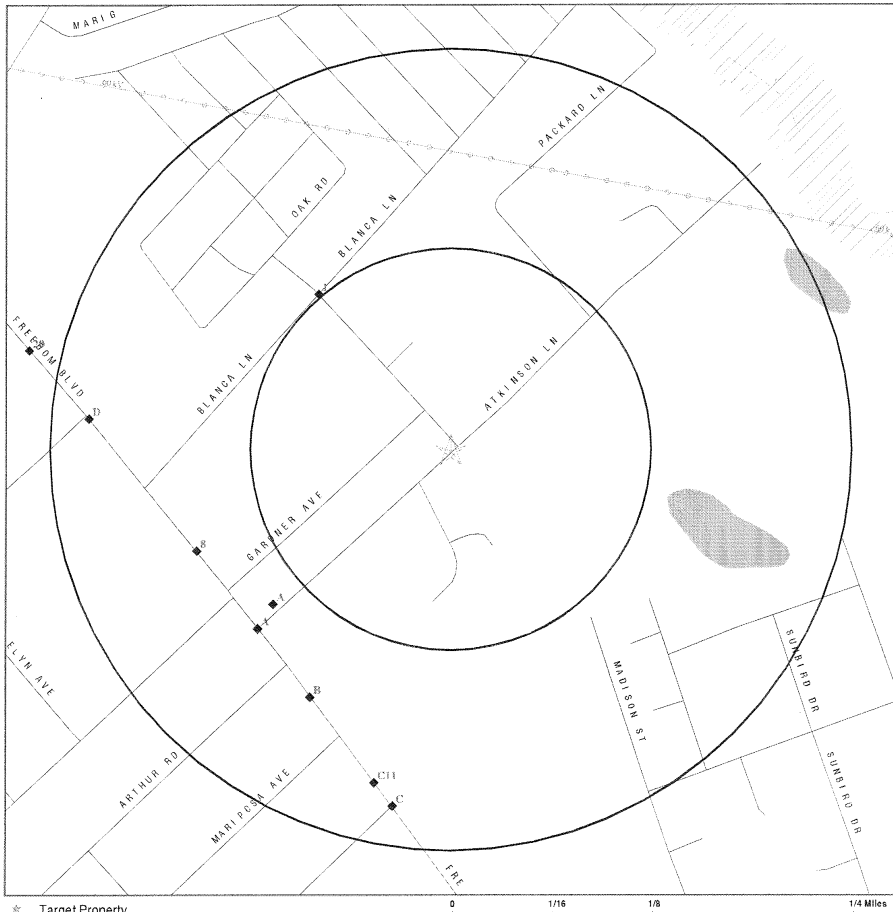
- | | |
|--|--|
| <ul style="list-style-type: none"> ★ Target Property ▲ Sites at elevations higher than or equal to the target property ◆ Sites at elevations lower than the target property ▲ Manufactured Gas Plants ■ National Priority List Sites ■ Landfill Sites ■ Dept. Defense Sites | <ul style="list-style-type: none"> ■ Indian Reservations BIA ■ Power transmission lines ■ Oil & Gas pipelines ■ 100-year flood zone ■ 500-year flood zone ■ National Wetland Inventory ■ Areas of Concern |
|--|--|

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

SITE NAME: 56 Atkinson Lane
 ADDRESS: 56 Atkinson Lane
 Watsonville CA 95076
 LAT/LONG: 36.9316 / 121.7657

CLIENT: Env. Inv. Services, Inc.
 CONTACT: Nicholas Litman
 INQUIRY #: 1726052.2s
 DATE: July 31, 2006

DETAIL MAP - 1726052.2s



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

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

SITE NAME: 56 Atkinson Lane
 ADDRESS: 56 Atkinson Lane
 Watsonville CA 95076
 LAT/LONG: 36.9316 / 121.7657

CLIENT: Env. Inv. Services, Inc.
 CONTACT: Nicholas Littman
 INQUIRY #: 1726052.2s
 DATE: July 31, 2006

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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 RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TP		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
TP		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
TP		TP	NR	NR	NR	NR	NR	0
CA WDS		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	5	3	NR	NR	8
Cortese		0.500	0	0	1	NR	NR	1
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	5	6	NR	NR	11

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	Search Distance (Miles)					Total Plotted
			< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	
CA FID UST		0.250	0	2	NR	NR	NR	2
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	0	2	NR	NR	NR	2
HIST UST		0.250	0	8	NR	NR	NR	8
AST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	2	NR	NR	NR	2
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	1	NR	1
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:
 TP = Target Property
 NR = Not Requested at this Search Distance
 Sites may be listed in more than one database

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
1	NW	1/8-1/4	671 ft.		JAMS IZUMIZAKI 50 BLANCA LN WATSONVILLE, CA 95026	HIST UST	U001601356	N/A
Relative:					UST HIST:			
Lower					Facility ID: 53276	Owner Name: JAMES IZUMIZAKI		
					Total Tanks: 1	Region: STATE		
Actual:					Owner Address: 50 BLANCA LANE			
109 ft.					WATSONVILLE, CA 95076			
					Tank Used for: PRODUCT			
					Tank Num: 1	Container Num: 1		
					Tank Capacity: 00000000	Year Installed: Not reported		
					Type of Fuel: 06	Tank Construction: Not Reported		
					Leak Detection: None			
					Contact Name: Not reported	Telephone: (408) 722-0589		
					Facility Type: Other	Other Type: RESIDENCE		
A2	SW	1/8-1/4	775 ft.		RENT POWER, INC. 1484 FREEDOM BLVD WATSONVILLE, CA 95076	HIST UST	U001602344	N/A
					Site 1 of 6 in cluster A			
Relative:					UST HIST:			
Lower					Facility ID: 4298	Owner Name: RENT POWER, INC.		
					Total Tanks: 2	Region: STATE		
Actual:					Owner Address: 1484 FREEDOM BOULEVARD			
100 ft.					WATSONVILLE, CA 95076			
					Tank Used for: PRODUCT			
					Tank Num: 1	Container Num: 1		
					Tank Capacity: 00001000	Year Installed: Not reported		
					Type of Fuel: REGULAR	Tank Construction: Not Reported		
					Leak Detection: None			
					Contact Name: JOHN MOWERY, PRESIDENT	Telephone: (408) 722-1941		
					Facility Type: Other	Other Type: RENTAL EQUIPMENT YAR		
					Facility ID: 4298	Owner Name: RENT POWER, INC.		
					Total Tanks: 2	Region: STATE		
					Owner Address: 1484 FREEDOM BOULEVARD			
					WATSONVILLE, CA 95076			
					Tank Used for: PRODUCT			
					Tank Num: 2	Container Num: 2		
					Tank Capacity: 00000500	Year Installed: 1972		
					Type of Fuel: DIESEL	Tank Construction: Not Reported		
					Leak Detection: None			
					Contact Name: JOHN MOWERY, PRESIDENT	Telephone: (408) 722-1941		
					Facility Type: Other	Other Type: RENTAL EQUIPMENT YAR		
A3	SW	1/8-1/4	775 ft.		RENT POWER INC. 1484 FREEDOM BLVD WATSONVILLE, CA 95076	HIST UST	U001602343	N/A
					Site 2 of 6 in cluster A			
Relative:					UST HIST:			
Lower					Facility ID: 68497	Owner Name: RENT POWER INC.		
					Total Tanks: 2	Region: STATE		
Actual:					Owner Address: 1484 FREEDOM BLVD			
100 ft.					WATSONVILLE, CA 95076			

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

RENT POWER INC. (Continued)

U001602343

Tank Used for:	WASTE	Container Num:	#2
Tank Num:	1	Year Installed:	1978
Tank Capacity:	00001000	Tank Construction:	X inches
Type of Fuel:	2		
Leak Detection:	Stock Inventor	Telephone:	(408) 728-2008
Contact Name:	JOHN MOWERY	Other Type:	RENTAL YARD
Facility Type:	Other		
Facility ID:	68497	Owner Name:	RENT POWER INC.
Total Tanks:	2	Region:	STATE
Owner Address:	1484 FREEDOM BLVD WATSONVILLE, CA 95076		
Tank Used for:	PRODUCT	Container Num:	#1
Tank Num:	2	Year Installed:	1972
Tank Capacity:	00000500	Tank Construction:	Not Reported
Type of Fuel:	DIESEL		
Leak Detection:	Stock Inventor	Telephone:	(408) 728-2008
Contact Name:	JOHN MOWERY	Other Type:	RENTAL YARD
Facility Type:	Other		

A4
SW
1/8-1/4
867 ft.

97517
1488 FREEDOM BLVD
WATSONVILLE, CA 95078

HIST UST U001602442
N/A

Relative:
Lower
Actual:
100 ft.

Site 3 of 6 in cluster A

UST HIST:		Owner Name:	CHEVRON U.S.A. INC.
Facility ID:	63001	Region:	STATE
Total Tanks:	4		
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT	Container Num:	1
Tank Num:	1	Year Installed:	1965
Tank Capacity:	00007000	Tank Construction:	0000250 unknown
Type of Fuel:	Not reported	Telephone:	(408) 724-1709
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	SKODA, CHARLES J JR.		
Facility Type:	Gas Station	Owner Name:	CHEVRON U.S.A. INC.
Facility ID:	63001	Region:	STATE
Total Tanks:	4		
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT	Container Num:	2
Tank Num:	2	Year Installed:	1965
Tank Capacity:	00003000	Tank Construction:	0000170 unknown
Type of Fuel:	Not reported	Telephone:	(408) 724-1709
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	SKODA, CHARLES J JR.		
Facility Type:	Gas Station	Owner Name:	CHEVRON U.S.A. INC.
Facility ID:	63001	Region:	STATE
Total Tanks:	4		
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT	Container Num:	3
Tank Num:	3	Year Installed:	1965
Tank Capacity:	00007000	Tank Construction:	0000250 unknown
Type of Fuel:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

97517 (Continued)

U001602442

Leak Detection:	Stock Inventor	Telephone:	(408) 724-1709
Contact Name:	SKODA, CHARLES J JR.	Other Type:	Not reported
Facility Type:	Gas Station		
Facility ID:	63001	Owner Name:	CHEVRON U.S.A. INC.
Total Tanks:	4	Region:	STATE
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	WASTE	Container Num:	4
Tank Num:	4	Year Installed:	1965
Tank Capacity:	00000550	Tank Construction:	0000100 unknown
Type of Fuel:	Not reported		
Leak Detection:	Stock Inventor	Telephone:	(408) 724-1709
Contact Name:	SKODA, CHARLES J JR.	Other Type:	Not reported
Facility Type:	Gas Station		

A5
SW
1/8-1/4
867 ft.

FORMER CHEVRON STATION 9-7517
1488 FREEDOM BLVD
WATSONVILLE, CA 95076

LUST S103291495
N/A

Relative:
Lower
Actual:
100 ft.

Site 4 of 6 in cluster A

State LUST:			
Cross Street:	GARDNER		
Qty Leaked:	Not reported		
Case Number:	2228		
Reg Board:	Central Coast Region		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency:	44000		
Case Type:	Other ground water affected		
Status:	Post remedial action monitoring		
Abate Method:	U		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	2004-04-02 00:00:00	Prelim Assess:	2004-04-02 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	2004-12-24 00:00:00		
Close Date:	Not reported		
Release Date:	1992-10-20 00:00:00		
Cleanup Fund Id:	Not reported		
Discover Date:	1992-07-16 00:00:00		
Enforcement Dt:	Not reported		
Enf Type:	NA		
Enter Date:	1992-08-31 00:00:00		
Funding:	Not reported		
Staff Initials:	UST		
How Discovered:	Subsurface Monitoring		
How Stopped:	Not reported		
Interim:	Not reported		
Leak Cause:	UNK		
Leak Source:	UNK		
MTBE Date:	2005-01-27 00:00:00		
Max MTBE GW:	52 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case #:	Not reported		
Beneficial:	MUN		
Staff:	AJM		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

FORMER CHEVRON STATION 9-7517 (Continued)

S103291495

GW Qualifier : =
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : PAJARO VALLEY (3-2)
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : 2003-12-02 00:00:00
 Stop Date : Not reported
 Work Suspended : Not reported
 Responsible Party: MARK LAFFERTY
 RP Address: PO BOX 6012
 Global ID: T0608700043
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: 26
 Mibe Fuel: 1
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary : TANKS PULLED 1984. MW WP SUBMITTED NO MTBE- PRODUCT CONTINUE TO BE REMOVED FROM MW-4. MW-2 & MW-3 SAMPLED ANNUALLY. NEW WELLS MW-7, MW-8 INSTALLED 3/14/2004. (MW 1, MW 2, MW 3, MW 6, destroyed) 2/25/2004 MAY BE LOW RISK...

LUST Region 3:

Case Number:	2228	Release Date:	10/20/1992
Cross Street:	GARDNER	Enter Date:	08/31/1992
Basin Plan:	5.10		
Global ID:	T0608700043		
Operator:	Not reported		
Quantity:	Not reported		
Local Case Num:	Not reported		
Priority:	Not reported		
Responsible Party:	MARK LAFFERTY		
Local Agency:	03	Regional Board:	Central Coast Region
Discovered:	7/16/92	Stop Date:	Not reported
How Found:	Subsurface Monitoring	How Stopped:	Not reported
Source:	Other		
Cause:	UNK		
Lead Agency:	Regional Board		
Case Type:	Other ground water affected		
Contact:	Not reported	Staff Initials:	MTK
Facility Status:	Post remedial action monitoring		
Facility County:	Santa Cruz		
Abate Method:	U		
Review Date:	09/17/2002	Funding:	Not reported
Confirm Leak:	Not reported	Workplan:	Not reported
Prelim Assess:	Not reported	Pollution Char:	03/16/1993
Remedial Plan:	Not reported	Remedial Action:	Not reported
Monitoring:	03/22/1995	Close Date:	Not reported
Enforce Type:	LET		
Enforce Date:	Not reported	Pilot Program:	UST
Interim Action:	Not reported	Region:	3
Mtbe Concentratn:	12		
Mtbe Fuel:	1		
Org Name:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

FORMER CHEVRON STATION 9-7517 (Continued)

S103291495

Assigned Name: 4400684-001GEN
 Dist From Well: 0
 Well Name: WELL 02
 Mibe Class: D
 Water System: APTOS RIDGE MUTUAL WATER CO
 Suspended : Not reported
 Beneficial : MUN
 Max MTBE Ground Water : 2.5
 Max MTBE Soil : Not reported
 Max MTBE Data : 10/24/2002
 MTBE Tested : YES
 Lat/Long : 36.9302036 / -121.7679119
 Soil Qualifier: Not reported
 Groundwater Qualifier: <
 UST Cleanup Fund ID: Not reported
 Summary: TANKS PULLED 1984. MW WP SUBMITTED NO MTBE- PRODUCT CONTINUE TO BE REMOVED FROM MW-4. MW-2 & MW-3 SAMPLED ANNUALLY.

A6
 SW
 1/8-1/4
 867 ft.

FORMER CHEVRON STATION 9-1488 FREEDOM WATSONVILLE, CA 95076

Cortese S102858417
 N/A

Relative:
 Lower
 Actual:
 100 ft.

Site 5 of 6 in cluster A
 CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

A7
 SW
 1/8-1/4
 867 ft.

DAVE AART DATSUN 1488 FREEDOM BLVD WATSONVILLE, CA 95076

RCRA-SQG 1000195167
 FINDS CAD981446412

Relative:
 Lower
 Actual:
 100 ft.

Site 6 of 6 in cluster A
 RCRAInfo:
 Owner: DAVE HART
 (415) 555-1212
 EPA ID: CAD981446412
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

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

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

8 FOWLE RESERVOIR
WSW 1521 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
937 ft.

HIST UST U001602210
N/A

Relative: UST HIST:
Lower Facility ID: 58326
Total Tanks: 0
Actual: Owner Address: 250 MAIN ST.
102 ft. WATSONVILLE, CA 95076
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00000350
Type of Fuel: 06
Leak Detection: None
Contact Name: MICK O'RILEY
Facility Type: Other

Owner Name: CITY OF WATSONVILLE
Region: STATE
Container Num: 1
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (408) 728-6000
Other Type: STANDBY POWER

B9 R.V. AHLPORT INC, FREEDOM EXXO
SSW 1477 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
937 ft.

HIST UST U001602332
N/A

Relative: Site 1 of 2 in cluster B
Lower UST HIST:
Facility ID: 2339
Total Tanks: 3
Actual: Owner Address: 950 W. BEACH, P.O. BOX 788
99 ft. WATSONVILLE, CA 95077
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00008000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: DENNIS ROBINSON
Facility Type: Gas Station
Facility ID: 2339
Total Tanks: 3
Owner Address: 950 W. BEACH, P.O. BOX 788
WATSONVILLE, CA 95077
Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00008000
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: DENNIS ROBINSON
Facility Type: Gas Station
Facility ID: 2339
Total Tanks: 3
Owner Address: 950 W. BEACH, P.O. BOX 788
WATSONVILLE, CA 95077
Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00008000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: DENNIS ROBINSON
Facility Type: Gas Station

Owner Name: R.V. AHLPORT, INC.
Region: STATE
Container Num: 1
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (408) 724-7565
Other Type: Not reported
Owner Name: R.V. AHLPORT, INC.
Region: STATE
Container Num: 2
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (408) 724-7565
Other Type: Not reported
Owner Name: R.V. AHLPORT, INC.
Region: STATE
Container Num: 3
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (408) 724-7565
Other Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

B10 WELLS FARGO BANK PROPERTY
SSW 1477 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
937 ft.

LUST S102441137
Cortese N/A

Relative: Site 2 of 2 in cluster B
Lower State LUST:
Cross Street: CLIFFORD AVE
Qty Leaked: Not reported
Case Number: 916
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 44000
Case Type: Other ground water affected
Status: Case Closed
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 1991-07-09 00:00:00
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 1992-01-09 00:00:00
Close Date: 1992-06-17 00:00:00
Release Date: 1990-12-06 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1990-11-30 00:00:00
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1991-01-14 00:00:00
Funding: Not reported
Staff Initials: UST
How Discovered: Tank Closure
How Stopped: Not reported
Interim: No
Leak Cause: Overfill
Leak Source: Piping
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: Low priority. Priority ranking can change over time.
Local Case #: Not reported
Beneficial: Not reported
Staff: MTK
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1992-06-19 00:00:00
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: JERRY ANDERSON
RP Address: P.O. BOX 22740
Global Id: T0608700301
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1

Confirm Leak: 1991-07-09 00:00:00
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

WELLS FARGO BANK PROPERTY (Continued)

S102441137

Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: CASE CLOSED.

LUST Region 3:

Case Number: 916 Release Date: 12/06/1990
Cross Street: CLIFFORD AVE Enter Date: 01/14/1991
Basin Plan: 5 10
Global ID: T0608700301
Operator: Not reported
Quantity: Not reported
Local Case Num: Not reported
Priority: 3
Responsible Party: JERRY ANDERSON
Local Agency: 03 Regional Board: Central Coast Region
Discovered: 11/30/90 Stop Date: Not reported
How Found: Tank Closure How Stopped: Not reported
Source: Piping
Cause: Overfill
Lead Agency: Regional Board
Case Type: Other ground water affected
Contact: Not reported Staff Initials: MTK
Facility Status: Case Closed
Facility County: Santa Cruz
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 06/19/1992 Funding: Not reported
Confirm Leak: 7/9/91 Workplan: Not reported
Prelim Assess: Not reported Pollution Char: / /
Remedial Plan: Not reported Remedial Action: Not reported
Monitoring: 01/09/1992 Close Date: 6/17/92
Enforce Type: Not reported
Enforce Date: Not reported Pilot Program: UST
Interim Action: 0 Region: 3
Mtbe Concentratin: 0
Mtbe Fuel: 1
Org Name: Not reported
Assigned Name: 4400684-001GEN
Dist From Well: 0
Well Name: WELL 02
Mtbe Class: *
Water System: APTOS RIDGE MUTUAL WATER CO
Suspended: Not reported
Beneficial: Not reported
Max MTBE Ground Water: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9289107 / -121.7670348
Soil Qualifier: Not reported
Groundwater Qualifier: Not reported
UST Cleanup Fund ID: Not reported
Summary: CASE CLOSED.

CORTESE:

Region: CORTESE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

WELLS FARGO BANK PROPERTY (Continued)

S102441137

Fac Address 2: 1477 FREEDOM BLVD

C11
SSW
1/8-1/4
1124 ft.

Relative:
Lower

Actual:
95 ft.

EMMA'S CAR WASH
1461 FREEDOM BLVD
WATSONVILLE, CA 95076

Site 1 of 5 in cluster C

State LUST:
Cross Street: MARIPOSA
Qty Leaked: Not reported
Case Number: 609
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 44000
Case Type: Other ground water affected
Status: Case Closed
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: 1988-01-13 00:00:00
Monitoring: Not reported
Close Date: 1988-05-20 00:00:00
Release Date: 1987-04-09 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1987-04-02 00:00:00
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1987-04-16 00:00:00
Funding: Not reported
Staff Initials: UST
How Discovered: Tank Closure
How Stopped: Not reported
Interim: No
Leak Cause: UNK
Leak Source: Tank
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: 0
Local Case #: Not reported
Beneficial: Not reported
Staff: MTK
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1993-03-23 00:00:00
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: Not reported
RP Address: Not reported
Global Id: T0608700239
Org Name: Not reported

LUST
Cortese S102429220
N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

EMMA'S CAR WASH (Continued) S102429220

Contact Person: Not reported
 MTBE Conc: 0
 Mibe Fuel: 1
 Water System Name: APTOS RIDGE MUTUAL WATER CO
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: W0608700684
 Waste Disch Assigned Name: 4400684-001GEN
 Summary: 1 @ 10000 & 1 @ 8000 GAL GAS TANKS & 1 @ 8000 GAL DIESEL TANK WERE REMOVED. 4 MW HAVE BEEN INSTALLED. G/W MONITORING PROGRAM SHOULD HAVE BEEN INITIATED. FAILED TO FILE REPORT OF G/W MONITORING PROG.

LUST Region 3:
 Case Number: 609 Release Date: 04/09/1987
 Cross Street: MARIPOSA Enter Date: 04/16/1987
 Basin Plan: 5 10
 Global ID: T0608700239
 Operator: Not reported
 Quantity: Not reported
 Local Case Num: Not reported
 Priority: 0
 Responsible Party: Not reported
 Local Agency: 03 Regional Board: Central Coast Region
 Discovered: 4/2/87 Stop Date: Not reported
 How Found: Tank Closure How Stopped: Not reported
 Source: Tank
 Cause: UNK
 Lead Agency: Local Agency
 Case Type: Other ground water affected
 Contact: Not reported Staff Initials: MTK
 Facility Status: Case Closed
 Facility County: Santa Cruz
 Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
 Review Date: 03/23/1993 Funding: Not reported
 Confirm Leak: Not reported Workplan: Not reported
 Prelim Assess: Not reported Pollution Char: 06/03/1987
 Remedial Plan: Not reported Remedial Action: 1/13/88
 Monitoring: / / Close Date: 5/20/88
 Enforce Type: Not reported Pilot Program: UST
 Enforce Date: Not reported Region: 3
 Interim Action: 0
 Mibe Concentratn: 0
 Mibe Fuel: 1
 Org Name: Not reported
 Assigned Name: 4400684-001GEN
 Dist From Well: 0
 Well Name: WELL 02
 Mibe Class: *
 Water System: APTOS RIDGE MUTUAL WATER CO
 Suspended: Not reported
 Beneficial: Not reported
 Max MTBE Ground Water: Not reported
 Max MTBE Soil: Not reported
 Max MTBE Data: / /
 MTBE Tested: NT
 Lat/Long: 36.9285077 / -121.7666618

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

EMMA'S CAR WASH (Continued) S105224844

Soil Qualifier: Not reported
 Groundwater Qualifier: Not reported
 UST Cleanup Fund ID: Not reported
 Summary: 1 @ 10000 & 1 @ 8000 GAL GAS TANKS & 1 @ 8000 GAL DIESEL TANK WERE REMOVED. 4 MW HAVE BEEN INSTALLED. G/W MONITORING PROGRAM SHOULD HAVE BEEN INITIATED. FAILED TO FILE REPORT OF G/W MONITORING PROG.

CORTESE:
 Region: CORTESE
 Fac Address 2: 1461 FREEDOM BLVD

C12 NELLA OIL CO HAZNET S105224844
 South 1455 FREEDOM BLVD LUST N/A
 1/8-1/4 WATSONVILLE, CA 95076
 1188 ft.

Site 2 of 5 in cluster C
 Relative: Lower
 Actual: 95 ft.
 State LUST:
 Cross Street: ALTA VISTA
 Qty Leaked: Not reported
 Case Number: 486
 Reg Board: Central Coast Region
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency: 44000
 Case Type: Other ground water affected
 Status: Post remedial action monitoring
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants
 Review Date: Not reported Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: 1996-03-05 00:00:00
 Monitoring: 2005-10-20 00:00:00
 Close Date: Not reported
 Release Date: 1983-11-23 00:00:00
 Cleanup Fund Id: Not reported
 Discover Date: 1983-11-20 00:00:00
 Enforcement Dt: 1985-10-01 00:00:00
 Enf Type: LET
 Enter Date: 1987-07-06 00:00:00
 Funding: Not reported
 Staff Initials: UST
 How Discovered: OM
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: UNK
 Leak Source: Tank
 MTBE Date: 2002-04-09 00:00:00
 Max MTBE GW: 944 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case #: Not reported
 Beneficial: Not reported
 Staff: AJM
 GW Qualifier: =
 Max MTBE Soil: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

NELLA OIL CO (Continued)

S105224844

Soil Qualifier : Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2002-10-23 00:00:00
Stop Date : Not reported
Work Suspended: Not reported
Responsible Party: JENNIFER C. SEDLACHEK
RP Address: 4096 PIEDMONT AVENUE #194
Global ID: T0608700217
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 31
Mtbe Fuel: 1
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN

Summary : THE ADDITIONAL GW EXTRACTION WELLS (RW-7 & RW-8) ADDED TO THE SYSTEM 6/2001. EXXON MOBIL REQUESTS NELLA OIL COMPANY (SITE OWNER) BE NAMED AS ADDITIONAL RP. EIGHT EXTRACTION WELLS PUMPING SHALLOW IMPACTED GROUNDWATER; TREATED WATER DISCHARGED TO SANITARY

LUST Region 3:

Case Number: 486 Release Date: 11/23/1983
Cross Street: ALTA VISTA Enter Date: 07/06/1987
Basin Plan: 5.10
Global ID: T0608700217
Operator: Not reported
Quantity: Not reported
Local Case Num: Not reported
Priority: Not reported
Responsible Party: ABBAS NAZEMI
Local Agency: 03 Regional Board: Central Coast Region
Discovered: 11/20/83 Stop Date: Not reported
How Found: Not reported How Stopped: Not reported
Source: Tank
Cause: UNK
Lead Agency: Regional Board
Case Type: Other ground water affected
Contact: Not reported Staff Initials: MTK
Facility Status: Pollution Characterization
Facility County: Santa Cruz
Abate Method: Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants, Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants

Review Date: 10/23/2002 Funding: Not reported
Confirm Leak: Not reported Workplan: Not reported
Prelim Assess: Not reported Pollution Char: 11/02/1993
Remedial Plan: Not reported Remedial Action: 6/25/87
Monitoring: / / Close Date: Not reported
Enforce Type: LET
Enforce Date: 10/1/85 Pilot Program: UST
Interim Action: Not reported Region: 3
Mtbe Concentratn 18

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

NELLA OIL CO (Continued)

S105224844

Mtbe Fuel: 1
Org Name: Not reported
Assigned Name: 4400684-001GEN
Dist From Well: 0
Well Name: WELL 02
Mtbe Class: A
Water System: APTOS RIDGE MUTUAL WATER CO
Suspended: Not reported
Beneficial: Not reported
Max MTBE Ground Water: 1640
Max MTBE Soil: Not reported
Max MTBE Data: 01/08/2002
MTBE Tested: YES
Lat/Long: 36.9283357 / -121.7664998
Soil Qualifier: Not reported
Groundwater Qualifier: =
UST Cleanup Fund ID: Not reported

Summary: THE ADDITIONAL GW EXTRACTION WELLS (RW-7 & RW-8) ADDED TO THE SYSTEM 6/2001. EXXON MOBIL REQUESTS NELLA OIL COMPANY (SITE OWNER) BE NAMED AS ADDITIONAL RP. EIGHT EXTRACTION WELLS PUMPING SHALLOW IMPACTED GROUNDWATER; TREATED WATER DISCHARGED TO SANITARY

HAZNET:

Gepaid: CAL000250215
TSD EPA ID: CAD009466392
Gen County: Santa Cruz
Tsd County: Santa Cruz
Tons: 6.5
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Contact: BARBARA WOZNIAK
Telephone: (530) 885-0401
Mailing Name: NELLA OIL #33
Mailing Address: 2349 RICKENBACKER WY
auburn, CA 95602
County: Santa Cruz
Gepaid: CAL000250215
TSD EPA ID: CAT080013352
Gen County: Santa Cruz
Tsd County: Santa Cruz
Tons: 2.71
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: BARBARA WOZNIAK
Telephone: (530) 885-0401
Mailing Name: NELLA OIL #33
Mailing Address: 2349 RICKENBACKER WY
auburn, CA 95602
County: Santa Cruz

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

NELLA OIL CO (Continued)

S105224844

Gepaid: CAL000250215
TSD EPA ID: CAD009466392
Gen County: Santa Cruz
Tsd County: Santa Cruz
Tons: 2.5
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Not reported
Contact: BARBARA WOZNIAK
Telephone: (530) 885-0401
Mailing Name: NELLA OIL #33
Mailing Address: 2349 RICKENBACKER WY
auburn, CA 95602
County: Santa Cruz

C13
South
1/8-1/4
1188 ft.

REGAL STATION #432
1455 FREEDOM BLVD
WATSONVILLE, CA 95076

Cortese
HIST UST
U001602341
N/A

Relative:
Lower
Actual:
95 ft.

Site 3 of 5 in cluster C
CORTESE:
Region: CORTESE
Fac Address 2: 1455 FREEDOM BLVD
Region: CORTESE
Fac Address 2: 1455 FREEDOM BLVD

UST HIST:

Facility ID:	12421	Owner Name:	WICKLAND OIL CO.
Total Tanks:	4	Region:	STATE
Owner Address:	1765 CHALLENGE WAY SACRAMENTO, CA 95815		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	432-U1
Tank Capacity:	00010000	Year Installed:	1983
Type of Fuel:	UNLEADED	Tank Construction:	3/16 inches
Leak Detection:	Stock Inventor, GW Monitoring Well		
Contact Name:	WALT SNELLING	Telephone:	(916) 921-1100
Facility Type:	Gas Station	Other Type:	Not reported
Facility ID:	12421	Owner Name:	WICKLAND OIL CO.
Total Tanks:	4	Region:	STATE
Owner Address:	1765 CHALLENGE WAY SACRAMENTO, CA 95815		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	432-R1
Tank Capacity:	00010000	Year Installed:	1983
Type of Fuel:	REGULAR	Tank Construction:	3/16 inches
Leak Detection:	Stock Inventor, GW Monitoring Well		
Contact Name:	WALT SNELLING	Telephone:	(916) 921-1100
Facility Type:	Gas Station	Other Type:	Not reported
Facility ID:	12421	Owner Name:	WICKLAND OIL CO.
Total Tanks:	4	Region:	STATE
Owner Address:	1765 CHALLENGE WAY SACRAMENTO, CA 95815		
Tank Used for:	PRODUCT		
Tank Num:	3	Container Num:	432-P1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

REGAL STATION #432 (Continued)

U001602341

Tank Capacity:	00010000	Year Installed:	1983
Type of Fuel:	PREMIUM	Tank Construction:	3/16 inches
Leak Detection:	Stock Inventor, GW Monitoring Well	Telephone:	(916) 921-1100
Contact Name:	WALT SNELLING	Other Type:	Not reported
Facility Type:	Gas Station	Owner Name:	WICKLAND OIL CO.
Facility ID:	12421	Region:	STATE
Total Tanks:	4		
Owner Address:	1765 CHALLENGE WAY SACRAMENTO, CA 95815		
Tank Used for:	WASTE	Container Num:	432-W1
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	00000000	Tank Construction:	Not Reported
Type of Fuel:	WASTE OIL		
Leak Detection:	None	Telephone:	(916) 921-1100
Contact Name:	WALT SNELLING	Other Type:	Not reported
Facility Type:	Gas Station		

C14
South
1/8-1/4
1188 ft.

NELLA OIL/EXXON STATION
1455 FREEDOM
WATSONVILLE, CA 95076

CA FID UST
SWEEPS UST
S101594687
N/A

Relative:
Lower
Actual:
95 ft.

Site 4 of 5 in cluster C
FID:
Facility ID: 44000027
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported
Status: Active
Mail To: Not reported
PO BOX 53
WATSONVILLE, CA 95076
Contact: Not reported
DUNs No: Not reported
Creation: 10/22/93
EPA ID: Not reported
Comments: Not reported
Regulate ID: 00012421
SIC Code: Not reported
Facility Tel: (916) 921-1100
Contact Tel: Not reported
NPDES No: Not reported
Modified: 00/00/00

SWEEPS:

Status : A
Comp Number : 12421
Number : 1
Board Of Equalization : 44-027205
Ref Date : 06-03-94
Act Date : 06-03-94
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 432-U1
Swrcb Tank Id : 44-052-012421-000001
Actv Date : 04-27-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : 3
Status : A
Comp Number : 12421
Number : 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NELLA OIL/EXXON STATION (Continued)

S101594687

Board Of Equalization : 44-027205
Ref Date : 06-03-94
Act Date : 06-03-94
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 432-R1
Swrcb Tank Id : 44-052-012421-000002
Actv Date : 04-27-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 12421
Number : 1
Board Of Equalization : 44-027205
Ref Date : 06-03-94
Act Date : 06-03-94
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 432-P1
Swrcb Tank Id : 44-052-012421-000003
Actv Date : 04-27-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

C15 ONE STOP EXXON #33
South 1455 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
1188 ft.

UST U003940932
N/A

Relative:
Lower
Site 5 of 5 in cluster C
State UST:
Facility ID: FA0000579
Region: STATE
Local Agency: 44000

D16 BEACON STATION #400
West 1597 FREEDOM BLVD
1/8-1/4 WATSONVILLE, CA 95076
1197 ft.

CA FID UST S101625389
SWEEPS UST N/A

Relative:
Lower
Site 1 of 4 in cluster D

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BEACON STATION #400 (Continued)

S101625389

FID:
Facility ID: 44000086
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported
Status: Active
Mail To: Not reported
525 W THIRD ST
WATSONVILLE, CA 95076
Contact: Not reported
DUNs No: Not reported
Creation: 10/22/93
EPA ID: Not reported
Comments: Not reported
Regulate ID: 00038908
SIC Code: Not reported
Facility Tel: (408) 722-0248
Contact Tel: Not reported
NPDES No: Not reported
Modified: 00/00/00

SWEEPS:
Status : A
Comp Number : 38908
Number : 9
Board Of Equalization : 44-000030
Ref Date : 12-30-91
Act Date : 12-30-91
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 001
Swrcb Tank Id : 44-052-038908-000004
Actv Date : 12-30-91
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : 3

Status : A
Comp Number : 38908
Number : 9
Board Of Equalization : 44-000030
Ref Date : 12-30-91
Act Date : 12-30-91
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 002
Swrcb Tank Id : 44-052-038908-000005
Actv Date : 12-30-91
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 38908
Number : 9
Board Of Equalization : 44-000030
Ref Date : 12-30-91
Act Date : 12-30-91
Created Date : 02-29-88
Tank Status : A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

BEACON STATION #400 (Continued)

S101625389

Owner Tank Id : 003
Swrcb Tank Id : 44-052-038908-000006
Actv Date : 12-30-91
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

D17
West
1/8-1/4
1197 ft.

BEACON STATION #400
1597 FREEDOM BLVD
WATSONVILLE, CA 95076

HAZNET U001602162
HIST UST N/A

Site 2 of 4 in cluster D

Relative:
Lower

HAZNET:

Gepaid: CAL000239798
TSD EPA ID: Not reported
Gen County: Santa Cruz
Tsd County: San Bernardino
Tons: 1.65
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: GLENN DEMBROFF
Telephone: (559) 583-3206
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
HANFORD, CA 93230
County: Not reported

Gepaid: CAL000239798
TSD EPA ID: Not reported
Gen County: Santa Cruz
Tsd County: San Bernardino
Tons: 0.10
Facility Address 2: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: GLENN DEMBROFF
Telephone: (559) 583-3206
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
HANFORD, CA 93230
County: Not reported

Gepaid: CAL000239798
TSD EPA ID: CAD982444481
Gen County: Santa Cruz
Tsd County: Santa Cruz
Tons: 0.05
Facility Address 2: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: GLENN DEMBROFF
Telephone: (559) 583-3206
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
HANFORD, CA 93230
County: Santa Cruz

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

BEACON STATION #400 (Continued)

U001602162

Gepaid: CAL000239798
TSD EPA ID: Not reported
Gen County: Santa Cruz
Tsd County: San Bernardino
Tons: 0.07
Facility Address 2: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: GLENN DEMBROFF
Telephone: (559) 583-3206
Mailing Name: Not reported
Mailing Address: 685 W THIRD ST
HANFORD, CA 93230
County: Not reported

UST HIST:

Facility ID: 38908
Total Tanks: 3
Owner Address: 525 W. THIRD STREET
HANFORD, CA 93230
PRODUCT
Tank Used for:
Tank Num: 1
Tank Capacity: 00010000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: JOHN TEMPLETON
Facility Type: Gas Station

Owner Name: BEACON OIL COMPANY
Region: STATE

Container Num: 400-2
Year Installed: 1959
Tank Construction: .025 inches
Telephone: (209) 582-0241
Other Type: Not reported

Facility ID: 38908
Total Tanks: 3
Owner Address: 525 W. THIRD STREET
HANFORD, CA 93230
PRODUCT
Tank Used for:
Tank Num: 2
Tank Capacity: 00010000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: JOHN TEMPLETON
Facility Type: Gas Station

Owner Name: BEACON OIL COMPANY
Region: STATE

Container Num: 400-3
Year Installed: 1959
Tank Construction: .025 inches
Telephone: (209) 582-0241
Other Type: Not reported

Facility ID: 38908
Total Tanks: 3
Owner Address: 525 W. THIRD STREET
HANFORD, CA 93230
PRODUCT
Tank Used for:
Tank Num: 3
Tank Capacity: 00010000
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: JOHN TEMPLETON
Facility Type: Gas Station

Owner Name: BEACON OIL COMPANY
Region: STATE

Container Num: 400-4
Year Installed: 1959
Tank Construction: .025 inches
Telephone: (209) 582-0241
Other Type: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

D18 BEACON STATION #3-400
 West 1597 FREEDOM BLVD
 1/8-1/4 WATSONVILLE, CA 95076
 1197 ft.

UST U003938377
 N/A

Site 3 of 4 in cluster D

Relative:
 Lower State UST:
 Facility ID: FA0003208
 Actual: Region: STATE
 109 ft. Local Agency: 44000

D19 ULTRAMAR BEACON #400
 West 1597 FREEDOM BLVD
 1/8-1/4 WATSONVILLE, CA 95076
 1197 ft.

LUST S101309589
 Cortese N/A

Site 4 of 4 in cluster D

Relative:
 Lower State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Actual: Case Number 990
 109 ft. Reg Board: Central Coast Region
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency: 44000
 Case Type: Other ground water affected
 Status: Remedial action (cleanup) Underway
 Abate Method: Remove Free Product - remove floating product from water table
 Review Date: Not reported Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: 2006-04-11 00:00:00 Remed Plan: 2006-04-11 00:00:00
 Remed Action: 2006-05-03 00:00:00
 Monitoring: 2005-10-06 00:00:00
 Close Date: Not reported
 Release Date: 1990-01-01 00:00:00
 Cleanup Fund Id: Not reported
 Discover Date: Not reported
 Enforcement Dt: 1990-09-11 00:00:00
 Enf Type: 13267R
 Enter Date: 1990-12-01 00:00:00
 Funding: Responsible Party
 Staff Initials: UST
 How Discovered: OM
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: UNK
 Leak Source: Tank
 MTBE Date: 2003-05-07 00:00:00
 Max MTBE GW: 810 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case #: Not reported
 Beneficial: MUN
 Staff: AJM
 =
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: PAJARO VALLEY (3-2)
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: 2002-10-23 00:00:00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

ULTRAMAR BEACON #400 (Continued)

S101309589

Stop Date: Not reported
 Work Suspended: Not reported
 Responsible Party: ROBERT FISHBURN
 RP Address: 685 WEST THIRD STREET
 Global Id: T0608700307
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: 32
 Mtbe Fuel: 1
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: GROUNDWATER GRADIENT HIGHLY VARIABLE ON/OFF SITE. POSSIBLE OFFSITE SOURCES, POSSIBLE COMMINGLED PLUME. CITY MUNICIPAL H2O SUPPLY WELLS 1&5 @1521 FREEDOM BLVD WITHIN 150 FT OF THE SITE. TPH, BTEX & MTBE PLUMES NEAR CITY WELLS. CITY WELLS TESTED QU ARTERL.

LUST Region 3:
 Case Number: 990 Release Date: 01/01/1990
 Cross Street: Not reported Enter Date: 12/01/1990
 Basin Plan: 5.10
 Global ID: T0608700307
 Operator: Not reported
 Quantity: Not reported
 Local Case Num: Not reported
 Priority: Not reported
 Responsible Party: ROBERT FISHBURN
 Local Agency: 03 Regional Board: Central Coast Region
 Discovered: Not reported Stop Date: Not reported
 How Found: Not reported How Stopped: Not reported
 Source: Tank
 Cause: UNK
 Lead Agency: Regional Board
 Case Type: Other ground water affected
 Contact: Not reported Staff Initials: MTK
 Facility Status: Remedial action (cleanup) Underway
 Facility County: Santa Cruz
 Abate Method: Remove Free Product - remove floating product from water table
 Review Date: 10/23/2002 Funding: Responsible Party
 Confirm Leak: Not reported Workplan: Not reported
 Prelim Assess: Not reported Pollution Char: 11/08/2000
 Remedial Plan: 8/22/01 Remedial Action: 2/18/03
 Monitoring: / / Close Date: Not reported
 Enforce Type: LET
 Enforce Date: 9/11/90 Pilot Program: UST
 Interim Action: Not reported Region: 3
 Mtbe Concentratn: 19
 Mtbe Fuel: 1
 Org Name: Not reported
 Assigned Name: 11S/02E-32K03 M
 Dist From Well: 0
 Well Name: WELL 05
 Mtbe Class: A
 Water System: CITY OF WATSONVILLE
 Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ULTRAMAR BEACON #400 (Continued)

S101309589

Beneficial : MUN.
Max MTBE Ground Water : 7000
Max MTBE Soil : Not reported
Max MTBE Data : 05/14/2001
MTBE Tested : YES
Lat/Long : 36.9318836 / -121.769577
Soil Qualifier: Not reported
Groundwater Qualifier: =
UST Cleanup Fund ID: Not reported
Summary: GROUNDWATER GRADIENT HIGHLY VARIABLE ON/OFF SITE. POSSIBLE OFFSITE SOURCES, POSSIBLE COMMINGLED PLUME. CITY MUNICIPAL H2O SUPPLY WELLS 1&5 @1521 FREEDOM BLVD WITHIN 150 FT OF THE SITE. TPH, BTEX & MTBE PLUMES NEAR CITY WELLS. CITY WELLS TESTED QUARTER

CORTESE:

Region: CORTESE
Fac Address 2: 1597 FREEDOM BLVD

20
WNW
1/4-1/2
1426 ft.

TIMES STATION
1640 FREEDOM BLVD
WATSONVILLE, CA 95076

LUST S102439124
Cortese N/A

Relative:
Lower

Slate LUST:
Cross Street: DAVIS
Qty Leaked: Not reported
Case Number 347
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 44000
Case Type: Other ground water affected

Status: Case Closed

Abate Method: U
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1991-02-15 00:00:00
Release Date: 1988-10-19 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1988-08-01 00:00:00
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1988-08-28 00:00:00
Funding: Not reported
Staff Initials: UST
How Discovered: OM
How Stopped: Not reported
Interim : No
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: 0
Local Case # : Not reported
Beneficial: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

TIMES STATION (Continued)

S102439124

Staff : MTK
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1988-08-25 00:00:00
Stop Date : Not reported
Work Suspended: Not reported
Responsible Party: Not reported
RP Address: Not reported
Global Id: T0608700189
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : CASE CLOSED

LUST Region 3:

Case Number: 347
Cross Street: DAVIS
Basin Plan: 5.10
Global ID: T0608700189
Operator: Not reported
Quantity: Not reported
Local Case Num: Not reported
Priority: 0
Responsible Party: Not reported
Local Agency: 03
Discovered: 8/1/88
How Found: Not reported
Source: Other
Cause: UNK
Lead Agency: Local Agency
Case Type: Other ground water affected
Contact: Not reported
Facility Status: Case Closed
Facility County: Santa Cruz
Abate Method: U
Review Date: 08/25/1988
Confirm Leak: Not reported
Prelim Assess: Not reported
Remedial Plan: Not reported
Monitoring: / /
Enforce Type: Not reported
Enforce Date: Not reported
Interim Action: 0
Mtb Concentratn 0
Mtb Fuel: 1
Org Name: Not reported
Assigned Name: 11S/02E-32K03 M
Dist From Well: 0

Release Date 10/19/1988
Enter Date: 08/28/1988

Regional Board: Central Coast Region
Stop Date: Not reported
How Stopped: Not reported

Staff Initials: MTK

Funding: Not reported
Workplan: Not reported
Pollution Char: 08/25/1988
Remedial Action: Not reported
Close Date: 2/15/91

Pilot Program: UST
Region: 3

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

TIMES STATION (Continued)

S102439124

Well Name: WELL 05
Mtb Class: *
Water System: CITY OF WATSONVILLE
Suspended: Not reported
Beneficial: Not reported
Max MTBE Ground Water: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: //
MTBE Tested: NT
Lat/Long: 36.9318796 / -121.769752
Soil Qualifier: Not reported
Groundwater Qualifier: Not reported
UST Cleanup Fund ID: Not reported
Summary: CASE CLOSED

CORTESE
Region: CORTESE
Fac Address 2: 1640 FREEDOM BLVD

21
WNW
1/4-1/2
1662 ft.

LONE TREE PROP
1719 FREEDOM BLVD
WATSONVILLE, CA 95076

HAZNET
LUST
S102430231
N/A

Relative:
Higher

Actual:
115 ft.

State LUST:
Cross Street: LANDIS
Qty Leaked: Not reported
Case Number: 2464
Reg Board: Central Coast Region
Chemical: Unleaded Gasoline
Lead Agency: Local Agency
Local Agency: 44000
Case Type: Soil only
Status: Case Closed
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 1994-05-11 00:00:00
Close Date: 1994-06-20 00:00:00
Release Date: 1994-05-11 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1994-05-11 00:00:00
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1994-07-11 00:00:00
Funding: Not reported
Staff Initials: UST
How Discovered: Tank Closure
How Stopped: Not reported
Interim: No
Leak Cause: Overfill
Leak Source: Piping
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

LONE TREE PROP (Continued)

S102430231

Local Case #: Not reported
Beneficial: Not reported
Staff: MTK
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1994-05-11 00:00:00
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: Not reported
RP Address: Not reported
Global Id: T0608700084
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: REMOVED APPROX. 220 YRDS OF SOIL (05/11/94).

LUST Region 3:
Case Number: 2464
Cross Street: LANDIS
Basin Plan: 5.10
Global ID: T0608700084
Operator: Not reported
Quantity: Not reported
Local Case Num: Not reported
Priority: Not reported
Responsible Party: Not reported
Local Agency: 03
Discovered: 5/11/94
How Found: Tank Closure
Source: Piping
Cause: Overfill
Lead Agency: Local Agency
Case Type: Soil only
Contact: Not reported
Facility Status: Case Closed
Facility County: Santa Cruz
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Release Date: 05/11/1994
Enter Date: 07/11/1994

Regional Board: Central Coast Region
Stop Date: Not reported
How Stopped: Not reported

Staff Initials: MTK

Funding: Not reported
Workplan: Not reported
Pollution Char: //
Remedial Action: Not reported
Close Date: 6/20/94

Pilot Program: UST
Region: 3

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

LONE TREE PROP (Continued)

S102430231

Org Name: Not reported
Assigned Name: 11S/02E-32K03 M
Dist From Well: 0
Well Name: WELL 05
Mtbe Class: *
Water System: CITY OF WATSONVILLE
Suspended: Not reported
Beneficial: Not reported
Max MTBE Ground Water: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9328155 / -121.771221
Soil Qualifier: Not reported
Groundwater Qualifier: Not reported
UST Cleanup Fund ID: Not reported
Summary: REMOVED APPROX. 220 YRDS OF SOIL (05/11/94).

HAZNET:

Gepaid: CAC000985872
TSD EPA ID: CAD009466392
Gen County: Santa Cruz
Tsd County: 7
Tons: 15.2750
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: DAVE ROSE
Telephone: (408) 595-7251
Mailing Name: Not reported
Mailing Address: 922 BREWINGTON AVE
WATSONVILLE, CA 95076
County: Santa Cruz

E22
South
1/4-1/2
1905 ft.

TOSCO - FACILITY #5535
1428 FREEDOM BLVD
WATSONVILLE, CA 95076

LUST S105224813
N/A

Relative:

Site 1 of 2 in cluster E

Lower
Actual:
88 ft.

State LUST:
Cross Street: CRESTVIEW DR
Qty Leaked: Not reported
Case Number: 3000
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 44000
Case Type: Other ground water affected
Status: Remedial action (cleanup) Underway
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: Not reported
Workplan: Not reported
Pollution Char: 2003-06-20 00:00:00
Remed Action: 2005-09-30 00:00:00
Monitoring: Not reported
Close Date: Not reported
Release Date: 1998-03-23 00:00:00
Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: 2003-06-20 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

TOSCO - FACILITY #5535 (Continued)

S105224813

Cleanup Fund Id: Not reported
Discover Date: 1998-03-12 00:00:00
Enforcement Dt: Not reported
Enf Type: LET
Enter Date: 1999-02-26 00:00:00
Funding: Not reported
Staff Initials: UST
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date: 2004-01-05 00:00:00
Max MTBE GW: 91000 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN
Staff: AJM
GW Qualifier: =
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator: Not reported
Oversight Prgm: LUST
Review Date: 2002-10-21 00:00:00
Stop Date: 1998-03-12 00:00:00
Work Suspended: Not reported
Responsible Party: ED RALSTON
RP Address: 1380 LEAD HILL RD STE 120
Global Id: T0608700159
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 26
Mtbe Fuel: 1
Water System Name: APTOS RIDGE MUTUAL WATER CO
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0608700684
Waste Disch Assigned Name: 4400684-001GEN
Summary: TCB-1 LOCATED IN TANK SYSTEM BACKFILL DETECTED 115,000 PPB MTBE ON 12/18/2000 WITHOUT TPHg OR BTEX. TCB-1 PUMPED WEEKLY FOR OFFSITE DISCHARGE BETWEEN 12/18/2000 & 9/19/2001. MW-1, MW-2, MW-3, MW-4, AND MW-5 NON-DETECT FOR TPH, BTEX, AND MTBE.

LUST Region 3:
Case Number: 3000
Cross Street: CRESTVIEW DR
Basin Plan: 5.10
Global ID: T0608700159
Operator: Not reported
Quantity: Not reported
Local Case Num: Not reported
Priority: Not reported
Responsible Party: ED RALSTON
Local Agency: 03
Discovered: 3/12/98
How Found: Tank Closure
Release Date: 03/23/1998
Enter Date: 02/26/1999
Regional Board: Central Coast Region
Stop Date: 3/12/98
How Stopped: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

TOSCO - FACILITY #5535 (Continued)

S105224813

Source: Tank
Cause: Corrosion
Lead Agency: Regional Board
Case Type: Other ground water affected
Contact: Not reported Staff Initials: MTK
Facility Status: Remedial action (cleanup) Underway
Facility County: Santa Cruz
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 10/21/2002 Funding: Not reported
Confirm Leak: Not reported Workplan: Not reported
Prelim Assess: Not reported Pollution Char: 09/29/1999
Remedial Plan: Not reported Remedial Action: 12/18/00
Monitoring: / / Close Date: Not reported
Enforce Type: LET
Enforce Date: Not reported Pilot Program: UST
Interim Action: Not reported Region: 3
Mtbe Concentratn 12
Mtbe Fuel: 1
Org Name: Not reported
Assigned Name: 4400684-001GEN
Dist From Well: 0
Well Name: WELL 02
Mtbe Class: A
Water System: APTOS RIDGE MUTUAL WATER CO
Suspended: Not reported
Beneficial: MUN
Max MTBE Ground Water: 100000
Max MTBE Soil: Not reported
Max MTBE Data: 07/02/2002
MTBE Tested: YES
Lat/Long: 36.9271457 / -121.7650647
Soil Qualifier: Not reported
Groundwater Qualifier: =
UST Cleanup Fund ID: Not reported
Summary: TCB-1 LOCATED IN TANK SYSTEM BACKFILL DETECTED 115,000 PPB MTBE ON 12/18/2000 WITHOUT TPHg OR BTEX. TCB-1 PUMPED WEEKLY FOR OFFSITE DISCHARGE BETWEEN 12/18/2000 & 9/19/2001.

E23
South
1/4-1/2
1988 ft.

TOMRA PACIFIC INC/TROPICANA FOODS
1424 FREEDOM BLVD
WATSONVILLE, CA 95076

SWRCY S107138230
N/A

Site 2 of 2 in cluster E

Relative:
Lower
Actual:
89 ft.

CA SWRCY
Certification Status: O
Facility Phone Number: Not reported
Whether The Facility Is Grandfathered: Not reported
Convenience Zone Where Facility Located: 2536
Convenience Zone Where Facility Located 2: 2539
Convenience Zone Where Facility Located 3: 2540
Convenience Zone Where Facility Located 4: 0
Convenience Zone Where Facility Located 5: 0
Convenience Zone Where Facility Located 6: 0
Convenience Zone Where Facility Located 7: 0
Aluminum Beverage Containers Redeemed: AL
Glass Beverage Containers Redeemed: GL
Plastic Beverage Containers Redeemed: PL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

TOMRA PACIFIC INC/TROPICANA FOODS (Continued)

S107138230

Other mal beverage containers redeemed: Not Accepted
Refillable Beverage Containers Redeemed: Not Accepted
Date facility became certified: 06/24/98
Date facility began operating (no date indicates never operational): 07/01/98
Date facility ceased operating (no date indicates still operating): / /

24
WNW
1/4-1/2
2211 ft.

SHELL STATION
1830 FREEDOM BLVD
WATSONVILLE, CA 90749

LUST S102437380
Cortese N/A

Relative:
Higher
Actual:
121 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 451
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 44000
Case Type: Soil only
Status: Case Closed
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1988-02-22 00:00:00
Release Date: 1989-07-14 00:00:00
Cleanup Fund Id: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1989-08-10 00:00:00
Funding: Responsible Party
Staff Initials: UST
How Discovered: Tank Closure
How Stopped: Not reported
Interim: No
Leak Cause: UNK
Leak Source: UNK
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: 0
Local Case #: Not reported
Beneficial: Not reported
Staff: MTK
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1989-08-10 00:00:00
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

SHELL STATION (Continued)

S102437380

RP Address: Not reported
Global Id: T0608700201
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mibe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Disch Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST Region 3:

Case Number: 451 Release Date: 07/14/1989
Cross Street: Not reported Enter Date: 08/10/1989
Basin Plan: 5.10
Global ID: T0608700201
Operator: Not reported
Quantily: Not reported
Local Case Num: Not reported
Priority: 0
Responsible Party: Not reported
Local Agency: 03 Regional Board: Central Coast Region
Discovered: Not reported Stop Date: Not reported
How Found: Tank Closure How Stopped: Not reported
Source: Other
Cause: UNK
Lead Agency: Local Agency
Case Type: Soil only
Contact: Not reported Staff Initials: MTK
Facility Status: Case Closed
Facility County: Santa Cruz
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: 08/10/1989 Funding: Responsible Party
Confirm Leak: Not reported Workplan: Not reported
Prelim Assess: Not reported Pollution Char: / /
Remedial Plan: Not reported Remedial Action: Not reported
Monitoring: / / Close Date: 2/22/88
Enforce Type: Not reported Pilot Program: UST
Enforce Date: Not reported Region: 3
Interim Action: 0
Mibe Concentrati: 0
Mibe Fuel: 1
Org Name: Not reported
Assigned Name: 11S/02E-32K03 M
Dist From Well: 0
Well Name: WELL 05
Mibe Class: *
Water System: CITY OF WATSONVILLE
Suspended: Not reported
Beneficial: Not reported
Max MTBE Ground Water: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9342935 / -121.7723961

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

SHELL STATION (Continued)

S102437380

Soil Qualifier: Not reported
Groundwater Qualifier: Not reported
UST Cleanup Fund ID: Not reported
Summary: Not reported

CORTESE:

Region: CORTESE
Fac Address 2: 1830 FREEDOM BLVD

25
WNW
1/4-1/2
2613 ft.

Relative:
Higher
Actual:
126 ft.

FREEDOM BP
1902 FREEDOM BLVD
FREEDOM, CA 95019

LUST S102432777
Cortese N/A
SWEEPS UST

Slate LUST:

Cross Street: GREEN VALLEY ROAD
Qty Leaked: Not reported
Case Number: 1021
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 44000
Case Type: Other ground water affected
Status: Post remedial action monitoring
Abate Method: Remove Free Product - remove floating product from water table
Review Date: Not reported Confirm Leak: Not reported
Workplan: 1991-02-20 00:00:00 Prelim Assess: 1991-02-20 00:00:00
Pollution Char: 2004-01-20 00:00:00 Remed Plan: 2004-01-20 00:00:00
Remed Action: 2004-05-05 00:00:00
Monitoring: 2006-01-23 00:00:00
Close Date: Not reported
Release Date: 1990-03-07 00:00:00
Cleanup Fund Id: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Enf Type: LET
Enter Date: 1989-01-01 00:00:00
Funding: Not reported
Staff Initials: UST
How Discovered: OM
How Stopped: Not reported
Interim: No
Leak Cause: UNK
Leak Source: UNK
MTBE Date: 2002-03-25 00:00:00
Max MTBE GW: 8500 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN
Staff: TAS
GW Qualifier: =
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator: Not reported
Oversight Prgm: LUST
Review Date: 2002-08-13 00:00:00
Stop Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

FREEDOM BP (Continued)

S102432777

Work Suspended: Not reported
Responsible Party: MR. RON INCE
RP Address: 175 MAIN STREET
Global Id: T0608700004
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 27
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DOUBLE WALL TANKS INSTALLED. FREE PRODUCT REMOVED DAILY. DUAL PHASE EXTRACTION SYSTEM OPERATIONAL. POTENTIAL RELEASE SUSPECTED FROM NEW TANKS INSTALLED 4/90. USA PETROLEUM GOING TO REMOVE TANKS SITE 8/00. NEW TANKS & PIPING REMOVED 9/01. SIGNIFICANT T SOIL

LUST Region 3:

Case Number: 1021 Release Date: 03/07/1990
Cross Street: GREEN VALLEY ROAD Enter Date: 01/01/1989
Basin Plan: 5.10
Global ID: T0608700004
Operator: Not reported
Quantity: Not reported
Local Case Num: Not reported
Priority: Not reported
Responsible Party: WALTER LOVE
Local Agency: 03 Regional Board: Central Coast Region
Discovered: Not reported Stop Date: Not reported
How Found: Not reported How Stopped: Not reported
Source: Other
Cause: UNK
Lead Agency: Regional Board
Case Type: Other ground water affected
Contact: Not reported Staff Initials: MTK
Facility Status: Remedial action (cleanup) Underway
Facility County: Santa Cruz
Abate Method: Remove Free Product - remove floating product from water table
Review Date: 09/13/2002 Funding: Not reported
Confirm Leak: Not reported Workplan: Not reported
Prelim Assess: 2/20/91 Pollution Char: / /
Remedial Plan: Not reported Remedial Action: 10/31/95
Monitoring: / / Close Date: Not reported
Enforce Type: LET
Enforce Date: Not reported Pilot Program: UST
Interim Action: 0 Region: 3
Mtb Concentratin: 15
Mtb Fuel: 1
Org Name: Not reported
Assigned Name: 11S/02E-32K03 M
Dist From Well: 0
Well Name: WELL 05
Mtb Class: B
Water System: CITY OF WATSONVILLE
Suspended: Not reported
Beneficial: MUN

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

FREEDOM BP (Continued)

S102432777

Max MTBE Ground Water: 9900
Max MTBE Soil: Not reported
Max MTBE Data: 03/25/2002
MTBE Tested: YES
Lat/Long: 36.9352015 / -121.7733251
Soil Qualifier: Not reported
Groundwater Qualifier: =
UST Cleanup Fund ID: Not reported
Summary: DOUBLE WALL TANKS INSTALLED. FREE PRODUCT REMOVED DAILY. DUAL PHASE EXTRACTION SYSTEM OPERATIONAL. POTENTIAL RELEASE SUSPECTED FROM NEW TANKS INSTALLED 4/90. USA PETROLEUM GOING TO REMOVE TANKS SITE 8/00. NEW TANKS & PIPING REMOVED 9/01. SIGNIFICANT SOI

CORTESE:

Region: CORTESE
Fac Address 2: 1902 FREEDOM BLVD

SWEEPS:

Status: A
Comp Number: 56429
Number: 2
Board Of Equalization: 44-027147
Ref Date: 06-14-90
Act Date: 06-14-90
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 1REG
Swrcb Tank Id: 44-000-056429-000001
Actv Date: 06-14-90
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 56429
Number: 2
Board Of Equalization: 44-027147
Ref Date: 06-14-90
Act Date: 06-14-90
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 44-000-056429-000002
Actv Date: 06-14-90
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 56429
Number: 2
Board Of Equalization: 44-027147
Ref Date: 06-14-90
Act Date: 06-14-90

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FREEDOM BP (Continued)

S102432777

Created Date : 12-31-88
Tank Status : A
Owner Tank Id : Not reported
Swrcb Tank Id : 44-000-056429-000003
Actv Date : 06-14-90
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : LEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 56429
Number : 2
Board Of Equalization : 44-027147
Ref Date : 06-14-90
Act Date : 06-14-90
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : Not reported
Swrcb Tank Id : 44-000-056429-000004
Actv Date : 06-14-90
Capacity : 550
Tank Use : OIL
Stg : W
Content : WASTE OIL
Number Of Tanks : Not reported

26
WNW
1/4-1/2
2631 ft.

E'S RANCH MILK
1 GREEN VALLEY RD
FREEDOM, CA 95019

LUST U003971393
UST N/A

Relative: State LUST:
Higher Cross Street: FREEDOM BOULEVARD
Qty Leaked: Not reported
Case Number: 1037
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 44000
Case Type: Other ground water affected
Status: Case Closed
Abate Method: U
Review Date: Not reported
Workplan: 1991-02-13 00:00:00
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-12-22 00:00:00
Release Date: 1991-02-13 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1990-12-04 00:00:00
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1981-01-01 00:00:00
Funding: State Funds
Staff Initials: UST
How Discovered: Tank Closure

Confirm Leak: Not reported
Prelim Assess: 1991-02-13 00:00:00
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

E'S RANCH MILK (Continued)

U003971393

How Stopped: Not reported
Interim : No
Leak Cause: Overfill
Leak Source: Piping
MTBE Date : 1996-05-09 00:00:00
Max MTBE GW : 5 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: 3A3
Local Case # : Not reported
Beneficial: Not reported
Staff : RB3
GW Qualifier : <
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : PAJARO VALLEY (3-2)
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1996-08-22 00:00:00
Stop Date : 1990-12-04 00:00:00
Work Suspended: Not reported
Responsible Party: UNKNOWN
RP Address: P.O. BOX 1807
Global Id: T0608700009
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mibe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

State UST:
Facility ID: FA0002078
Region: STATE
Local Agency: 44000

27
NW
1/2-1
4199 ft.

SCHIAVON UNOCAL STATION
2001 FREEDOM BLVD
FREEDOM, CA 95019

Notify 65 S100179362
LUST N/A
Cortese

Relative: State LUST:
Higher Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 877
Reg Board: Central Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 44000
Case Type: Other ground water affected
Status: Post remedial action monitoring
Abate Method: U
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SCHIAVON UNOCAL STATION (Continued)

S100179362

Monitoring: 1996-03-04 00:00:00
Close Date: Not reported
Release Date: 1989-11-03 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1990-08-28 00:00:00
Enforcement Dt: 1990-09-05 00:00:00
Enf Type: LET
Enter Date: 1990-11-19 00:00:00
Funding: Responsible Party
Staff Initials: UST
How Discovered: OM
How Stopped: Not reported
Interim: No
Leak Cause: UNK
Leak Source: Tank
MTBE Date: 2001-03-06 00:00:00
Max MTBE GW: 35 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN
Staff: AJM
GW Qualifier: =
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: PAJARO VALLEY (3-2)
Operator: Not reported
Oversight Prgm: LUST
Review Date: 2002-07-25 00:00:00
Stop Date: 1990-08-28 00:00:00
Work Suspended: Not reported
Responsible Party: MR. MART SCHIAVON
RP Address: 19 ROACHE ROAD
Global ID: T0608700290
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 5
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ADDITIONAL MW INSTALLED, MW-4 ABANDONED?

LUST Region 3:

Case Number: 877
Cross Street: Not reported
Basin Plan: 5.10
Global ID: T0608700290
Operator: Not reported
Quantity: Not reported
Local Case Num: Not reported
Priority: Not reported
Responsible Party: MR. MART SCHIAVON
Local Agency: 03
Discovered: 8/28/90
How Found: Not reported

Release Date: 11/03/1989
Enter Date: 11/19/1990

Regional Board: Central Coast Region
Stop Date: 8/28/90
How Stopped: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SCHIAVON UNOCAL STATION (Continued)

S100179362

Source: Tank
Cause: UNK
Lead Agency: Regional Board
Case Type: Other ground water affected
Contact: Not reported
Facility Status: Post remedial action monitoring
Facility County: Santa Cruz
Abate Method: U
Review Date: 07/25/2002
Confirm Leak: Not reported
Prelim Assess: Not reported
Remedial Plan: Not reported
Monitoring: 03/04/1996
Enforce Type: LET
Enforce Date: 9/5/90
Interim Action: 0
Mtbe Concentratn: 4
Mtbe Fuel: 1
Org Name: Not reported
Assigned Name: 11S/02E-32K03 M
Dist From Well: 0
Well Name: WELL 05
Mtbe Class: C
Water System: CITY OF WATSONVILLE
Suspended: Not reported
Beneficial: MUN
Max MTBE Ground Water: 35
Max MTBE Soil: Not reported
Max MTBE Data: 03/06/2001
MTBE Tested: YES
Lat/Long: 36.9374824 / -121.7766073
Soil Qualifier: Not reported
Groundwater Qualifier: =
UST Cleanup Fund ID: Not reported
Summary: ADDITIONAL MW INSTALLED

Staff Initials: MTK
Funding: Responsible Party
Workplan: Not reported
Pollution Char: 09/05/1990
Remedial Action: Not reported
Close Date: Not reported
Pilot Program: UST
Region: 3

NOTIFY 65:

Date Reported: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93060

Staff Initials: Not reported

CORTESE:

Region: CORTESE
Fac Address 2: 2001 FREEDOM BLVD

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FREEDOM	U001601048	E/S RANCH MILK	1 GREEN VALLEY RD	95019	LIST, Confess, HIST, LIST
WATSONVILLE	1002851017	MOSS LANDING POWER PLANT	Hwy 1 3 Miles S of Watsonville	95076	CERC-NFRAP
WATSONVILLE	1003843406	TRUCK SPILL	Hwy 1 at Hwy 129	95076	SIC
WATSONVILLE	1000375088	MOSS LANDING	Highway 1 3 Miles South of Watsonville	95076	REF
WATSONVILLE	1006455285	WESTERN FARM SERVICES - GREEN GRO FACILITY	1485 Hwy 1, Rampart Road	95076	SIC
WATSONVILLE	94382161	EB 129 BETWEEN MURPHY'S CROSSING AND ROGGI LANE	EB 129 BETWEEN MURPHY'S CROSSING AND ROGGI LANE	95076	ERNS
WATSONVILLE	1003878916	PG&E GAS PLANT WATSONVILLE 408 8	N COR WALKER & FRONT STS	95076	CERC-NFRAP
WATSONVILLE	943827891	LABAMBA LANE	LABAMBA LANE	95076	ERNS
WATSONVILLE	1003878945	PG&E GAS PLANT WATSONVILLE 408 8A	MAIN WELTH STS	95076	CERC-NFRAP
WATSONVILLE	1001186313	BOYER FERTILIZER SERVICE, INC	619 RIVERSIDE ROAD (HIGHWAY 129)	95076	REF

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 04/19/2006
 Date Data Arrived at EDR: 05/05/2006
 Date Made Active in Reports: 05/22/2006
 Number of Days to Update: 17

Source: EPA
 Telephone: N/A
 Last EDR Contact: 05/05/2006
 Next Scheduled EDR Contact: 07/31/2006
 Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
 Telephone 617-918-1143

EPA Region 6
 Telephone: 214-655-6659

EPA Region 3
 Telephone 215-814-5418

EPA Region 7
 Telephone: 913-551-7247

EPA Region 4
 Telephone 404-562-8033

EPA Region 8
 Telephone: 303-312-6774

EPA Region 5
 Telephone 312-886-6686

EPA Region 9
 Telephone: 415-947-4246

EPA Region 10
 Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006
 Date Data Arrived at EDR: 05/05/2006
 Date Made Active in Reports: 05/22/2006
 Number of Days to Update: 17

Source: EPA
 Telephone: N/A
 Last EDR Contact: 05/05/2006
 Next Scheduled EDR Contact: 07/31/2006
 Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/19/2006
 Date Data Arrived at EDR: 05/05/2006
 Date Made Active in Reports: 05/22/2006
 Number of Days to Update: 17

Source: EPA
 Telephone: N/A
 Last EDR Contact: 05/05/2006
 Next Scheduled EDR Contact: 07/31/2006
 Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/23/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/25/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/19/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

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

US INST CONTROL: Sites with Institutional Controls

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 07/24/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 06/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/13/2006	Telephone: 202-564-6064
Date Made Active in Reports: 05/19/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 06/22/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 03/29/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/31/2006	Source: EPA
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

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

PADS: PCB Activity Database System

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

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2003	Source: EPANTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 07/21/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

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

Date of Government Version: 08/08/2005	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 08/29/2005	Telephone: 916-323-3400
Date Made Active in Reports: 09/21/2005	Last EDR Contact: 05/10/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Annually

CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/29/2005	Telephone: 916-323-3400
Date Made Active in Reports: 09/21/2005	Last EDR Contact: 05/10/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

NFA: No Further Action Determination

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: 08/08/2005	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/29/2005	Telephone: 916-323-3400
Date Made Active in Reports: 10/06/2005	Last EDR Contact: 05/10/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

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: 08/08/2005	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/29/2005	Telephone: 916-323-3400
Date Made Active in Reports: 09/21/2005	Last EDR Contact: 05/10/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Quarterly

REF: Unconfirmed Properties Referred to Another Agency

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: 08/08/2005	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/29/2005	Telephone: 916-323-3400
Date Made Active in Reports: 10/06/2005	Last EDR Contact: 05/10/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Quarterly

SCH: School Property Evaluation Program

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

Date of Government Version: 06/06/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/07/2006	Telephone: 916-323-3400
Date Made Active in Reports: 07/06/2006	Last EDR Contact: 06/07/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 07/31/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 06/12/2006	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 06/14/2006	Telephone: 916-341-6320
Date Made Active in Reports: 07/27/2006	Last EDR Contact: 06/14/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/21/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/22/2006	Telephone: 916-341-5227
Date Made Active in Reports: 07/27/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 07/24/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/01/2001	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/2001	Telephone: 916-323-9100
Date Made Active in Reports: 07/26/2001	Last EDR Contact: 07/24/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 07/10/2006	Source: Department of Conservation
Date Data Arrived at EDR: 07/12/2006	Telephone: 916-323-3836
Date Made Active in Reports: 07/27/2006	Last EDR Contact: 07/12/2006
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2006
	Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 07/11/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/12/2006	Telephone: 916-341-5752
Date Made Active in Reports: 07/27/2006	Last EDR Contact: 07/12/2006
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6600
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 06/26/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 916-542-5424
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 06/05/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 658-467-2980
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 07/17/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 951-782-4130
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 05/08/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-346-7491
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 05/22/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-346-7491
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 07/03/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 04/01/2006	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/27/2006	Telephone: 916-464-3291
Date Made Active in Reports: 05/26/2006	Last EDR Contact: 07/26/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-549-3147
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 05/15/2006
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/14/2006
	Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-576-2220
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 05/22/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 07/10/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/09/2006
	Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

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

Date of Government Version: 07/11/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/12/2006	Telephone: 916-341-5752
Date Made Active in Reports: 07/27/2006	Last EDR Contact: 07/12/2006
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2006
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 05/23/2006
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 07/10/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/09/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 05/18/2006 Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006 Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006 Last EDR Contact: 05/15/2006
Number of Days to Update: 28 Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/2004 Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004 Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005 Last EDR Contact: 07/24/2006
Number of Days to Update: 47 Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

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

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

Date of Government Version: 04/01/2005 Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005 Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005 Last EDR Contact: 07/06/2006
Number of Days to Update: 16 Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 05/24/2005 Source: Regional Water Quality Control Board, Victorville Branch
Date Data Arrived at EDR: 05/25/2005 Telephone: 619-241-6583
Date Made Active in Reports: 06/16/2005 Last EDR Contact: 07/03/2006
Number of Days to Update: 22 Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/2004 Source: California Regional Water Quality Control Board, Lahontan Region
Date Data Arrived at EDR: 09/07/2004 Telephone: 530-542-5574
Date Made Active in Reports: 10/12/2004 Last EDR Contact: 06/05/2006
Number of Days to Update: 35 Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

Date of Government Version: 11/24/2004 Source: California Regional Quality Control Board, Colorado River Basin Region
Date Data Arrived at EDR: 11/29/2004 Telephone: 760-346-7491
Date Made Active in Reports: 01/04/2005 Last EDR Contact: 05/23/2006
Number of Days to Update: 36 Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/06/2006 Source: California Region Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 04/06/2006 Telephone: 951-782-3298
Date Made Active in Reports: 05/11/2006 Last EDR Contact: 07/03/2006
Number of Days to Update: 35 Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/31/2006 Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 06/01/2006 Telephone: 858-467-2980
Date Made Active in Reports: 06/15/2006 Last EDR Contact: 05/30/2006
Number of Days to Update: 14 Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/11/2006 Source: SWRCB
Date Data Arrived at EDR: 07/12/2006 Telephone: 916-341-5851
Date Made Active in Reports: 07/26/2006 Last EDR Contact: 07/12/2006
Number of Days to Update: 14 Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990 Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991 Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991 Last EDR Contact: 07/26/2001
Number of Days to Update: 18 Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006 Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/30/2006 Telephone: 916-341-5712
Date Made Active in Reports: 02/17/2006 Last EDR Contact: 07/31/2006
Number of Days to Update: 18 Next Scheduled EDR Contact: 10/31/2006
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing

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

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

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2004 Source: Office of Emergency Services
Date Data Arrived at EDR: 11/30/2005 Telephone: 916-845-8400
Date Made Active in Reports: 01/19/2006 Last EDR Contact: 05/22/2006
Number of Days to Update: 50 Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 07/05/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

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

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 04/30/2006
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

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

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 05/11/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

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

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/21/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/07/2005
Date Data Arrived at EDR: 09/08/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 36

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 06/09/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 06/23/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 33

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

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

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

City of El Segundo Underground Storage Tank

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 05/06/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2006
Date Data Arrived at EDR: 03/24/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 20

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Solid Waste Facilities

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 05/18/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

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

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Varies

Site Mitigation List

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

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

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 06/06/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 50

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 28

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 27

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Annually

ORANGE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/03/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 9

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 26

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CS - Contaminated Sites

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 37

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 06/23/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/19/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 07/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

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

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 06/06/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Oversight Facilities

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 36

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 02/28/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 24

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 17

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/27/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Varies

Hazardous Material Facilities

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/05/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 22

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/10/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 31

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 04/25/2006
Date Data Arrived at EDR: 05/08/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 37

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

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

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 29

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 07/10/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 17

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 25

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 34

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest information Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest information Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

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

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

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

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

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

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

56 ATKINSON LANE
56 ATKINSON LANE
WATSONVILLE, CA 95076

TARGET PROPERTY COORDINATES

Latitude (North): 36.93160 - 36° 55' 53.8"
Longitude (West): 121.7657 - 121° 45' 56.5"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 609926.5
UTM Y (Meters): 4087793.0
Elevation: 114 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 36121-H7 WATSONVILLE WEST, CA
Most Recent Revision: 1998

East Map: 36121-H6 WATSONVILLE EAST, CA
Most Recent Revision: 1998

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

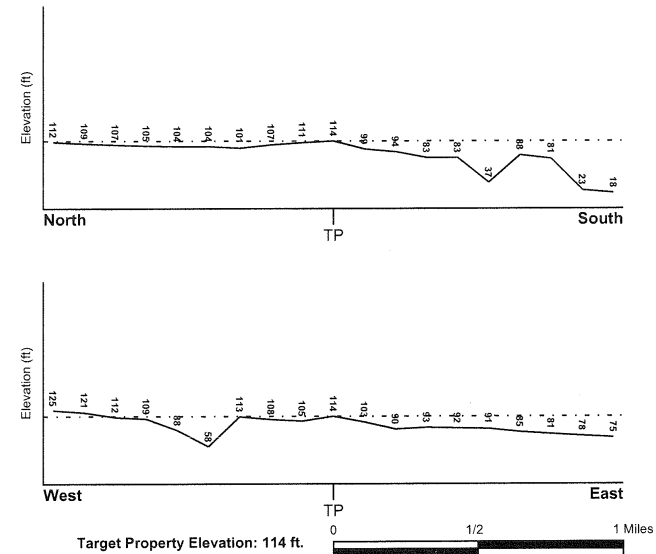
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> SANTA CRUZ, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
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Flood Plain Panel at Target Property: 0603570002C

Additional Panels in search area: 0603530385B
0603530405B
0603530395B
0603530415B
0603570004C

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> WATSONVILLE WEST	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

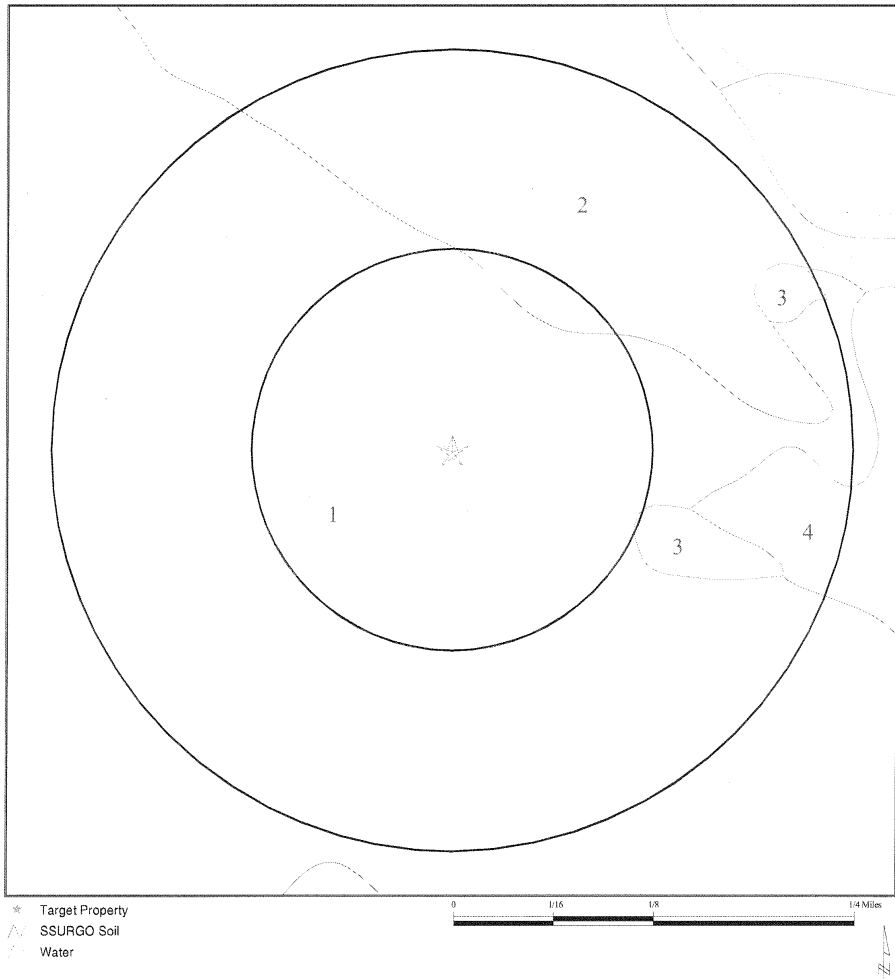
GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

* ©1995 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.

SSURGO SOIL MAP - 1726052.2s



SITE NAME: 56 Atkinson Lane	CLIENT: Env. Inv. Services, Inc.
ADDRESS: 56 Atkinson Lane	CONTACT: Nicholas Littman
Watsonville CA 95076	INQUIRY #: 1726052.2s
LAT/LONG: 36.9316 / 121.7657	DATE: July 31, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: WATSONVILLE
 Soil Surface Texture: loam
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
 Soil Drainage Class: Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.
 Hydric Status: Soil meets the requirements for a hydric soil.
 Corrosion Potential - Uncoated Steel: HIGH
 Depth to Bedrock Min: > 0 inches
 Depth to Bedrock Max: > 0 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.60	
2	18 inches	39 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 5.60	
3	39 inches	63 inches	sandy 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: 0.20 Min: 0.06	Max: 8.40 Min: 5.60	

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: PINTO
 Soil Surface Texture: 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: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.
 Hydric Status: Soil does not meet the requirements for a hydric soil.
 Corrosion Potential - Uncoated Steel: HIGH
 Depth to Bedrock Min: > 0 inches
 Depth to Bedrock Max: > 0 inches

Soil Layer Information

Layer	Boundary		Classification				Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	21 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay, FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.60	
2	21 inches	51 inches	sandy 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: 0.20 Min: 0.06	Max: 6.50 Min: 5.60	
3	51 inches	65 inches	sandy 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: 0.20 Min: 0.06	Max: 7.30 Min: 5.10	

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: WATER
 Soil Surface Texture: Not reported
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
 Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.
 Hydric Status: Soil does not meet the requirements for a hydric soil.
 Corrosion Potential - Uncoated Steel: Not Reported
 Depth to Bedrock Min: > 0 inches
 Depth to Bedrock Max: > 0 inches
 No Layer Information available.

Soil Map ID: 4

Soil Component Name: ELDER
 Soil Surface Texture: sandy loam
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
 Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.
 Hydric Status: Soil does not meet the requirements for a hydric soil.
 Corrosion Potential - Uncoated Steel: MODERATE
 Depth to Bedrock Min: > 0 inches
 Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	31 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.60
2	31 inches	60 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 5.60

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	USGS3220369	1/8 - 1/4 Mile NE
5	USGS3220371	1/2 - 1 Mile WNW
6	USGS3220401	1/2 - 1 Mile NE
7	USGS3220393	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

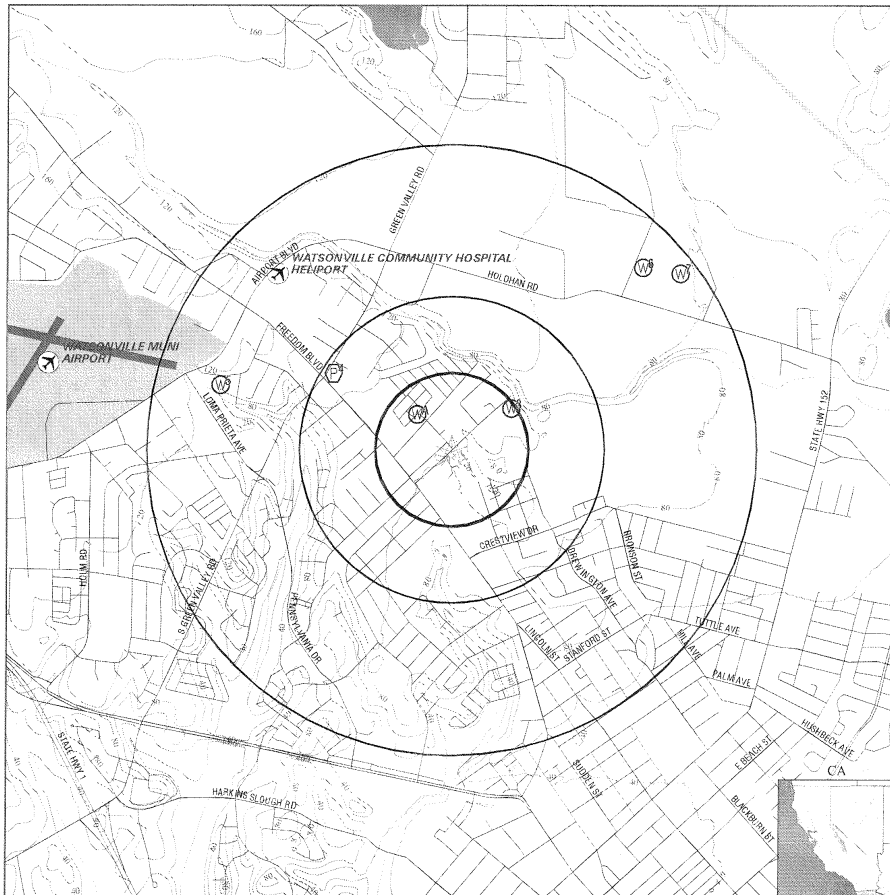
MAP ID	WELL ID	LOCATION FROM TP
4	CA2701820	1/4 - 1/2 Mile WNW

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	10579	1/8 - 1/4 Mile NW
A2	10578	1/8 - 1/4 Mile NW

PHYSICAL SETTING SOURCE MAP - 1726052.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 56 Atkinson Lane	CLIENT: Env. Inv. Services, Inc.
ADDRESS: 56 Atkinson Lane	CONTACT: Nicholas Littman
Watsonville CA 95076	INQUIRY #: 1726052.2s
LAT/LONG: 36.9316 / 121.7657	DATE: July 31, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database	EDR ID Number
----------	---------------

A1
 NW
 1/8 - 1/4 Mile
 Lower

CA WELLS	10579
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Water System Information:

Prime Station Code:	11S/02E-32K03 M	User ID:	HEN
FRDS Number:	4410011005	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365600.0 1214600.0	Precision:	Undefined
Source Name:	WELL 05		
System Number:	4410011		
System Name:	City of Watsonville		
Organization That Operates System:	P.O. BOX 5000 WATSONVILLE, CA 95077		
Pop Served:	47000	Connections:	12018
Area Served:	WATSONVILLE VIC		
Sample Collected:	04/14/1999 00:00:00	Findings:	715 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/14/1999 00:00:00	Findings:	7.1
Chemical:	PH, LABORATORY		
Sample Collected:	04/14/1999 00:00:00	Findings:	205 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/14/1999 00:00:00	Findings:	205 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/14/1999 00:00:00	Findings:	320 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	04/14/1999 00:00:00	Findings:	79 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	30 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	30 MG/L
Chemical:	SODIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	1.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	27 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/14/1999 00:00:00	Findings:	.19 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/14/1999 00:00:00	Findings:	210 UG/L
Chemical:	BORON		
Sample Collected:	04/14/1999 00:00:00	Findings:	500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/14/1999 00:00:00 NITRATE (AS NO3)	Findings:	41 MG/L
Sample Collected: Chemical:	04/14/1999 00:00:00 TURBIDITY, LABORATORY	Findings:	.4 NTU
Sample Collected: Chemical:	04/14/1999 00:00:00 NITRATE + NITRITE (AS N)	Findings:	9250 UG/L
Sample Collected: Chemical:	05/25/1999 00:00:00 GROSS BETA	Findings:	5.4 PCI/L
Sample Collected: Chemical:	05/25/1999 00:00:00 GROSS BETA COUNTING ERROR	Findings:	1.4 PCI/L
Sample Collected: Chemical:	06/30/1999 00:00:00 NITRATE (AS NO3)	Findings:	35 MG/L
Sample Collected: Chemical:	05/14/2001 00:00:00 NITRATE (AS NO3)	Findings:	41 MG/L
Sample Collected: Chemical:	06/12/2001 00:00:00 CALCIUM	Findings:	71 MG/L
Sample Collected: Chemical:	06/12/2001 00:00:00 VANADIUM	Findings:	4.3 UG/L
Sample Collected: Chemical:	06/12/2001 00:00:00 CHROMIUM (TOTAL CR-CRVI SCREEN)	Findings:	1.5 UG/L
Sample Collected: Chemical:	09/24/2001 00:00:00 CHROMIUM, HEXAVALENT	Findings:	2 UG/L
Sample Collected: Chemical:	12/04/2001 00:00:00 CHROMIUM (TOTAL CR-CRVI SCREEN)	Findings:	2 UG/L
Sample Collected: Chemical:	12/17/2001 00:00:00 CHROMIUM, HEXAVALENT	Findings:	2.8 UG/L
Sample Collected: Chemical:	02/11/2002 00:00:00 GROSS BETA COUNTING ERROR	Findings:	.86 PCI/L
Sample Collected: Chemical:	02/11/2002 00:00:00 NITRATE (AS NO3)	Findings:	37 MG/L
Sample Collected: Chemical:	03/25/2002 00:00:00 CHROMIUM, HEXAVALENT	Findings:	1.9 UG/L
Sample Collected: Chemical:	04/22/2002 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.22 MG/L
Sample Collected: Chemical:	04/22/2002 00:00:00 CHROMIUM (TOTAL CR-CRVI SCREEN)	Findings:	2 UG/L
Sample Collected: Chemical:	05/13/2002 00:00:00 NITRATE (AS NO3)	Findings:	35 MG/L
Sample Collected: Chemical:	05/13/2002 00:00:00 NITRATE + NITRITE (AS N)	Findings:	8000 UG/L
Sample Collected: Chemical:	06/12/2002 00:00:00 NITRATE (AS NO3)	Findings:	37 MG/L
Sample Collected: Chemical:	07/10/2002 00:00:00 NITRATE (AS NO3)	Findings:	34 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	08/12/2002 00:00:00 NITRATE (AS NO3)	Findings:	32 MG/L
Sample Collected: Chemical:	08/12/2002 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.1 PCI/L
Sample Collected: Chemical:	08/12/2002 00:00:00 GROSS BETA COUNTING ERROR	Findings:	.75 PCI/L
Sample Collected: Chemical:	08/19/2002 00:00:00 SOURCE TEMPERATURE C	Findings:	14.5 C
Sample Collected: Chemical:	08/19/2002 00:00:00 SPECIFIC CONDUCTANCE	Findings:	640 US
Sample Collected: Chemical:	08/19/2002 00:00:00 PH, LABORATORY	Findings:	7
Sample Collected: Chemical:	08/19/2002 00:00:00 ALKALINITY (TOTAL) AS CaCO3	Findings:	195 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 BICARBONATE ALKALINITY	Findings:	195 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 HARDNESS (TOTAL) AS CaCO3	Findings:	280 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 CALCIUM	Findings:	62 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 MAGNESIUM	Findings:	30 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 SODIUM	Findings:	29 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 POTASSIUM	Findings:	1.7 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 CHLORIDE	Findings:	30 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.19 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	420 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 NITRATE (AS NO3)	Findings:	38 MG/L
Sample Collected: Chemical:	08/19/2002 00:00:00 TURBIDITY, LABORATORY	Findings:	.37 NTU
Sample Collected: Chemical:	09/12/2002 00:00:00 NITRATE (AS NO3)	Findings:	36 MG/L
Sample Collected: Chemical:	10/11/2002 00:00:00 NITRATE (AS NO3)	Findings:	33 MG/L
Sample Collected: Chemical:	11/12/2002 00:00:00 NITRATE (AS NO3)	Findings:	38 MG/L
Sample Collected: Chemical:	11/12/2002 00:00:00 GROSS BETA COUNTING ERROR	Findings:	.85 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/19/2002 00:00:00	Findings:	45 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/2003 00:00:00	Findings:	35 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/10/2003 00:00:00	Findings:	59 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/2003 00:00:00	Findings:	59 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/12/2003 00:00:00	Findings:	55 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/12/2003 00:00:00	Findings:	56 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/09/2003 00:00:00	Findings:	47 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/11/2003 00:00:00	Findings:	45 MG/L
Chemical:	NITRATE (AS NO3)		

A2
NW
1/8 - 1/4 Mile
Lower

CA WELLS 10578

Water System Information:

Prime Station Code:	11S/02E-32K02 M	User ID:	HEN
FRDS Number:	4410011004	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365600.0 1214600.0	Precision:	Undefined
Source Name:	WELL 01		
System Number:	4410011		
System Name:	City of Watsonville		
Organization That Operates System:	P.O. BOX 5000 WATSONVILLE, CA 95077		
Pop Served:	47000	Connections:	12018
Area Served:	WATSONVILLE VIC		
Sample Collected:	08/15/2005 00:00:00	Findings:	20 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/14/1999 00:00:00	Findings:	590 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/14/1999 00:00:00	Findings:	7.1
Chemical:	PH, LABORATORY		
Sample Collected:	04/14/1999 00:00:00	Findings:	200 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/14/1999 00:00:00	Findings:	200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/14/1999 00:00:00	Findings:	255 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/14/1999 00:00:00	Findings:	64 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	23 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	27 MG/L
Chemical:	SODIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	.8 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/14/1999 00:00:00	Findings:	30 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/14/1999 00:00:00	Findings:	26 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/14/1999 00:00:00	Findings:	210 UG/L
Chemical:	BORON		
Sample Collected:	04/14/1999 00:00:00	Findings:	385 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/14/1999 00:00:00	Findings:	14 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/14/1999 00:00:00	Findings:	52 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/14/1999 00:00:00	Findings:	3200 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/12/2000 00:00:00	Findings:	11 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/12/2000 00:00:00	Findings:	2600 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/14/2001 00:00:00	Findings:	9.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/12/2001 00:00:00	Findings:	56 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/12/2001 00:00:00	Findings:	4.9 UG/L
Chemical:	VANADIUM		
Sample Collected:	06/12/2001 00:00:00	Findings:	2.3 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	09/24/2001 00:00:00	Findings:	2.9 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	06/30/2003 00:00:00	Findings:	2.2 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	06/30/2003 00:00:00	Findings:	15.2 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/30/2003 00:00:00	Findings:	560 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/30/2003 00:00:00	Findings:	7
Chemical:	PH, LABORATORY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/30/2003 00:00:00	Findings:	205 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	06/30/2003 00:00:00	Findings:	205 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/30/2003 00:00:00	Findings:	230 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	06/30/2003 00:00:00	Findings:	52 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/30/2003 00:00:00	Findings:	25 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/30/2003 00:00:00	Findings:	27 MG/L
Chemical:	SODIUM		
Sample Collected:	06/30/2003 00:00:00	Findings:	1.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/30/2003 00:00:00	Findings:	27 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/30/2003 00:00:00	Findings:	.31 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	06/30/2003 00:00:00	Findings:	380 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/30/2003 00:00:00	Findings:	12 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/2003 00:00:00	Findings:	5 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	06/30/2003 00:00:00	Findings:	2750 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/30/2003 00:00:00	Findings:	.72 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/30/2003 00:00:00	Findings:	2.5 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	12/08/2003 00:00:00	Findings:	3.8 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/08/2003 00:00:00	Findings:	2 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/08/2004 00:00:00	Findings:	-.48 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	08/16/2004 00:00:00	Findings:	19 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/2005 00:00:00	Findings:	630 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/16/2005 00:00:00	Findings:	7.1
Chemical:	PH, LABORATORY		
Sample Collected:	05/16/2005 00:00:00	Findings:	200 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/16/2005 00:00:00	Findings:	200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/16/2005 00:00:00	Findings:	280 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	05/16/2005 00:00:00	Findings:	62 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	30 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	26 MG/L
Chemical:	SODIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	1.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/16/2005 00:00:00	Findings:	36 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/16/2005 00:00:00	Findings:	.28 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	05/16/2005 00:00:00	Findings:	410 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/16/2005 00:00:00	Findings:	22 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/2005 00:00:00	Findings:	.37 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	05/16/2005 00:00:00	Findings:	5000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/16/2005 00:00:00	Findings:	.24 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		

3
NE
1/8 - 1/4 Mile
Lower

FED USGS USGS3220369

Agency cd:	USGS	Site no:	365601121454001
Site name:	011S002E33E001M		
Latitude:	365601	Dec lat:	36.93356367
Longitude:	1214540	Coord meth:	M
Dec lon:	-121.76217273	Latlong datum:	NAD27
Coord acc:	S	District:	06
Dec latlong datum:	NAD83	County:	087
State:	06	Land net:	SWNWS33 T11S R025 M
Country:	US	Map scale:	24000
Location map:	WATSONVILLE WEST	Altitude method:	M
Altitude:	109.00	Altitude datum:	NGVD29
Altitude accuracy:	010		
Hydrologic:	Pajaro, California. Area = 1290 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	AROMAS RED SAND		
Well depth:	240	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	479200200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1983-08-11
 Ground water data begin date: 1970-01-07
 Ground water data count: 24
 Water quality data begin date: 1971-08-05
 Water quality data count: 10
 Ground water data end date: 1983-09-09

Ground-water levels, Number of Measurements: 24

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-09-09	110.35		1983-03-08	94.78	
1982-09-08	105.33				
1982-08-13	116.23				
Note: The site was being pumped.					
1982-03-12	98.69		1981-08-19	109.38	
1981-04-24	99.82		1980-11-11	107.73	
1980-08-20	107.97		1979-11-20	107.22	
1979-08-16	118.2				
Note: The site was being pumped.					
1979-04-16	101.8		1978-11-22	108	
1978-08-10	116.4		1978-04-13	99.5	
1977-10-13	112.6		1977-04-20	104.1	
1975-04-23	0.00				
Note: The site was being pumped.					
1974-11-04	99.1		1972-11-27	104.4	
1971-12-07	100.30		1971-12	100.5	
1970-10-21	6		1970-01-07	94.2	

4
WNW
 1/4 - 1/2 Mile
 Higher
 FRDS PWS CA2701820

PWS ID: CA2701820 PWS Status: Not Reported
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: CORDA ROAD WATER SYSTEM #1
 FREEDOM, CA 95019

Addressee / Facility: System Owner/Responsible Party
 CORDA ROAD WATER SYSTEM #1
 P O BOX 6
 FREEDOM, CA 95019

Facility Latitude: 36 56 07 Facility Longitude: 121 46 18
 City Served: Not Reported
 Treatment Class: Untreated Population: 84

PWS currently has or had major violation(s) or enforcement: Yes

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2000-04-04
 Violation ID: 95V0001
 Enforcement Date: 2000-04-04
 Analytical Value: 0000000.000000000
 Enforcement ID: 0089899
 Enf. Action: State Compliance Achieved

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2000-04-04
 Violation ID: 95V0001
 Enforcement Date: 2000-04-04
 Analytical Value: 0
 Enforcement ID: 0089899
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2000-04-04
 Violation ID: 95V0001
 Enforcement Date: 2000-04-04
 Analytical Value: 0
 Enforcement ID: 0089899
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2000-04-04
 Violation ID: 95V0001
 Enforcement Date: 2000-04-04
 Analytical Value: 0000000.000000000
 Enforcement ID: 0089899
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 7/1/1993 0:00:00 - 4/4/2000 0:00:00
 Violation ID: 95V0001
 Enforcement Date: 4/4/2000 0:00:00
 Analytical Value: 0
 Enforcement ID: Not Reported
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 7/1/1993 0:00:00 - 4/4/2000 0:00:00
 Violation ID: 95V0001
 Enforcement Date: 4/4/2000 0:00:00
 Analytical Value: Not Reported
 Enforcement ID: Not Reported
 Enf. Action: State Compliance Achieved

System Name: CORDA RD WS
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2015-12-31
 Violation ID: 95V0001
 Enforcement Date: Not Reported
 Analytical Value: 0000000.000000000
 Enforcement ID: Not Reported
 Enf. Action: Not Reported

5
WNW
 1/2 - 1 Mile
 Lower
 FED USGS USGS3220371

Agency cd: USGS Site no: 365605121464201
 Site name: 011S002E32L001M
 Latitude: 365605
 Longitude: 1214642 Dec lat: 36 93467467
 Dec lon: -121.77939575 Coor meth: M
 Coor acc: S NAD27 Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 06
 State: 06 County: 087
 Country: US Land net: NESWS32 T11S R02E M
 Location map: WATSONVILLE WEST Map scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 105.00 Altitude method: M
 Altitude accuracy: 010 Altitude datum: NGVD29
 Hydrologic: Pajaro, California, Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: Not Reported Mean greenwich time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported Project number: 479200200
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00 Water quality data count: 0
 Ground water data begin date: 1970-01-06 Ground water data end date: 1983-08-16
 Ground water data count: 23

Ground-water levels, Number of Measurements: 23

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-08-16	8.63		1983-03-08	5.01	
1982-08-13	9.68		1982-03-11	8.14	
1981-08-13	10.50		1981-04-21	9.47	
1980-11-11	10.54		1980-08-11	10.19	
1980-04-14	8.79		1979-11-19	10.59	
1979-08-16	10.56		1979-04-16	9.6	
1978-11-20	10.8		1978-08-10	10.5	
1978-04-13	6.5		1977-04-19	11.1	
1975-04-23	8.5		1974-11-04	9.7	
1972-12-06	10.4		1971-12-02	9.80	
1971-12	10.8		1970-12-02	13	
1970-01-06	10.2				

6
NE
1/2 - 1 Mile
Lower

FED USGS USGS3220401

Agency cd: USGS Site no: 365625121451201
 Site name: 011S002E33C001M
 Latitude: 365625
 Longitude: 1214512 Dec lat: 36.94023019
 Dec lon: -121.75439463 Coor meth: M
 Coor accr: S Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 06
 State: 06 County: 087
 Country: US Land net: NENWS33 T11S R02E M
 Location map: WATSONVILLE WEST Map scale: 24000
 Altitude: 87.50 Altitude method: M
 Altitude accuracy: 005 Altitude datum: NGVD29
 Hydrologic: Pajaro, California, Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19340101
 Date inventoried: Not Reported Mean greenwich time offset: PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 125 Hole depth: Not Reported
 Source of depth data: Not Reported Project number: 479200200
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1979-08-15
 Water quality data end date: 1981-08-14 Water quality data count: 2
 Ground water data begin date: 1970-01-06 Ground water data end date: 1983-03-15
 Ground water data count: 23

Ground-water levels, Number of Measurements: 23

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-03-15	71.44		1982-08-12	88.91	
1982-03-12	76.47				
1981-08-19	90.81				
Note: The site had been pumped recently.					
1981-04-22	78.42		1980-11-11	83.99	
1980-08-11	92.37		1980-04-18	79.65	
1979-11-19	85.13		1979-08-24	93.89	
1979-04-18	82.3		1978-11-22	85	
1978-08-08	97.4		1978-04-13	77.1	
1977-10-14	89.1		1977-04-20	84.5	
1975-04-23	71.5		1974-11-05	84.4	
1972-11-20	80		1971-12	78	
1970-12-02	72		1970-12-01	77.50	
1970-01-06	71.9				

7
NE
1/2 - 1 Mile
Lower

FED USGS USGS3220393

Agency cd: USGS Site no: 365624121450401
 Site name: 011S002E28Q001M
 Latitude: 365624
 Longitude: 1214504 Dec lat: 36.93995243
 Dec lon: -121.75217231 Coor meth: M
 Coor accr: S Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 06
 State: 06 County: 087
 Country: US Land net: SWSSE28 T11S R02E M
 Location map: WATSONVILLE WEST Map scale: 24000
 Altitude: 82.00 Altitude method: M
 Altitude accuracy: 010 Altitude datum: NGVD29
 Hydrologic: Pajaro, California, Area = 1290 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19200101
 Date inventoried: Not Reported Mean greenwich time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported Project number: 479200200
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1970-01-07
 Ground water data count: 17

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1981-03-18

Ground-water levels, Number of Measurements: 17

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-03-18	65.12		1980-11-11	72.71	
1980-08-13	75.85		1980-04-18	51.51	
1979-11-19	72.99		1979-08-15	76.83	
1979-04-18	67.8		1978-11-22	73.1	
1978-08-08	88.4		1978-04-13	58.5	
1975-04-18	56.5		1974-11-05	64	
1972-12-03	0.00				
Note: Other conditions existed that would affect the measured water level.					
1971-12-01	66.00		1971-12	66	
1970-12-02	63.3		1970-01-07	62	

**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
95076	7	0	0.00

Federal EPA Radon Zone for SANTA CRUZ 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 SANTA CRUZ COUNTY, CA

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 pCi/L	89%	11%	0%
Living Area - 2nd Floor	1.900 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

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

HYDROLOGIC INFORMATION

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

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services
Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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SCEHD FILE COPIES

SEPTIC TANK PUMPING AND INSPECTION REPORT

PUMPER NAME: Art Elsborg Drilling & Sanitation INSPECTION DATE: 1/26/04
 JOB LOCATION: 56 Atkinson Ln APN: 048-211-25
 JOB CITY/AREA/CLOSEST CROSS STREET: Watsonville
 OWNER: William Fagnaves ADDRESS: 56 Atkinson Ln
 REQUESTED BY: Owner ADDRESS: same as above

REASON FOR PUMPING/INSPECTION
 MAINTENANCE HAULAWAY SALE INSPECTION SYSTEM FAILURE REPAIR OTHER
 PROPERTY USE: HOME OTHER OCCUPIED? YES NO SLUDGE DISPOSAL LOCATION: Watsonville

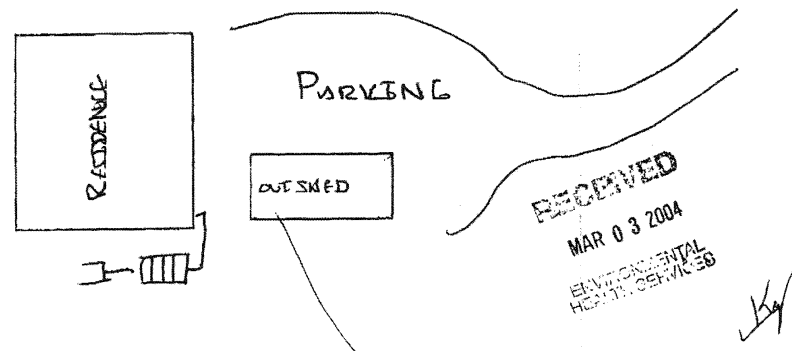
SEPTIC TANK: SIZE 1100 GALLONS PUMPED 1000 BOTH COMPARTMENTS PUMPED? yes
 TYPE: REDWOOD CONCRETE POLY FIBERGLASS OTHER

CONDITION OF TANK	GOOD	FAIR	POOR	REPAIRS RECOMMENDED	REPAIRS COMPLETED/DATE
SEPTIC ELLS/TEES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
TANK TOP AND/OR LIDS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
SIDES/BOTTOM OF TANK	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
BAFFLES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

OPERATIONAL LEVEL: HIGH LOW NORMAL DATE LAST PUMPED: _____

LEACHING SYSTEM
 PRESENT OR PAST HIGH LEVEL IN TANK YES NO
 LIQUID FLOWBACK WHILE PUMPING? YES NO
 SIGNS OF SURFACING EFFLUENT? YES NO
 SEPARATE GREYWATER DISCHARGE? YES NO
 OTHER SYSTEM COMPONENTS/NOTES: Old Redwood Tank - functioning but will need to be replaced soon

SYSTEM LOCATION (SKETCH OR DESCRIBE, WITH MEASURED DIMENSIONS AND DIRECTION OF NORTH; INCLUDE ANY PERTINENT FEATURES SUCH AS PAVED AREAS, SURFACING EFFLUENT, CREEKS, LARGE TREES, ETC.)



DISTRIBUTION: White - EHS file; Yellow - Owner; Pink - Pumper (HSA-403 (Rev. 12/99))

August 21, 2006

Mr. Owen Lawlor
Atkinson Lane LLC
129 Water Street
Santa Cruz, CA 95060

SUBJECT: Phase II Limited Soil Investigation
 56 Atkinson Lane
 Watsonville, California
 EIS Project #661-2

Dear Mr. Lawlor:

Environmental Investigation Services, Inc. (EIS) has prepared this report to document a Phase II soil investigation at the subject site. Figure 1 shows the site location and vicinity.

BACKGROUND

In August 2006, EIS completed a Phase I Environmental Site Assessment (ESA) at the subject property. According to this site assessment, the subject property was historically used for an apple orchard. In addition, the sheds on the southwest portion of the subject property may have been used for vehicle storage and repair and pesticide storage. Based on the available background information, EIS recommended a soil investigation to determine whether the shallow soil had been impacted by pesticides formerly used at the orchard, or by historical vehicle maintenance in the vicinity of the sheds.

PHASE II SOIL INVESTIGATION

EIS prepared a site Health and Safety Plan (HASP) reflecting the work to be performed, the potential contaminants, appropriate safety precautions, and emergency response procedures. Before commencing field activities, EIS marked the site boundaries and boring locations with white paint and notified Underground Service Alert (USA) 48 hours before the scheduled start time.

On August 10, 2006, EIS installed 11 exploratory borings to investigate whether the historical use of the subject property for an orchard or historical vehicle maintenance impacted shallow soil on the subject property. In order to investigate the potential for residual pesticide contamination in the shallow soil, seven borings were advanced in areas formerly used for an orchard, using the Department of Toxic Substance Control's (DTSC) *Interim Guidance for Sampling Agricultural Fields for School Sites (Second Revision)* (August 2002) as a guide. Borings B-1 through B-4 were advanced in the eastern half of the subject property along an alignment approximately halfway between the eastern property

boundary and the center fence (Figure 2), with the borings spaced approximately 84 feet apart. These borings were advanced to approximately 30 inches (2.5 feet) below ground surface (bgs), and samples were collected from 3-6 inches bgs and from 27-30 inches bgs. Borings B-9 through B-11 were advanced in the western portion of the property along an alignment approximately halfway between the driveway and the center fence (Figure 2), with the borings spaced approximately 84 feet apart. These borings were advanced to approximately 6 inches, and samples were collected from 3-6 inches bgs. Refusal was encountered in these borings between 6 and 8 inches bgs.

Boring B-5 was advanced on the west side of the garage, boring B-6 was advanced on the east side of the garage, and borings B-7 and B-8 were advanced in two sheds where historical vehicle maintenance appeared most likely (Figure 2). Boring B-5 was advanced to 30 inches, and samples were collected at 3-6 inches and at 27-30 inches bgs. Samples from boring B-5 were intended to be used as background samples for the pesticide investigation, and as samples for the petroleum hydrocarbon investigation. Borings B-6 through B-8 were each advanced to 18 inches (1.5 feet) bgs, and samples were collected from 15-18 inches bgs.

Exploratory boring locations are shown on Figure 2. The soil encountered in each borehole was logged using the Unified Soil Classification System (USCS) as a guide, and for relative moisture content, odor, and other observable characteristics. Exploratory boring logs are included in Attachment A of this report.

Soils encountered were generally dark brown silty clays and sandy clays. The soils on the eastern portion of the property (borings B-1 through B-4) were generally moist, and the soil on the northwestern portion of the property (borings B-9 through B-11) was typically dry and very hard. In borings B-5 and B-6, approximately 6 inches of dry soil near the top of the boring were underlain by moist soil. Soils encountered in B-7 and B-8 were moist throughout the borings. In B-7, the upper 3-6 inches of soil contained coarse gravel with a few cobbles, but was otherwise clayey.

Soil Sample Analyses

The soil samples were submitted to American Scientific Laboratories, LLC of Los Angeles, California, for analysis. American Scientific is California-certified for hazardous waste analyses. The soil samples from borings B-1 through B-5 and B-9 through B-11 were analyzed using Environmental Protection Agency (EPA) Method 8081A for organochlorine pesticides, and with EPA Method 6010B for arsenic, copper, and lead. Samples from borings B-2 and B-4 were also analyzed for chromium due to the close proximity of a PG&E electrical substation to the subject property. Samples from borings B-5 through B-8 were analyzed using EPA Method 418.1 for total recoverable petroleum hydrocarbons (TRPH), EPA Method 6010B for lead, and EPA Method 8260B for volatile organic compounds (VOCs).

FINDINGS

Soil analytical data are summarized in Tables 1 and 2, and the analytical report and chain-of-custody document for the soil samples are included in Attachment B of this report.

Pesticides

Four organochlorine pesticides were detected in one or more of the 3-6 inch soil samples: 4,4'-dichlorodiphenylchloroethane (DDD), 4,4'-dichlorodiphenyldichloroethylene (DDE), 4,4'-dichlorodiphenyltrichloroethene (DDT), and β -hexachlorocyclohexane (β -BHC). No other organochlorine pesticides were detected. No pesticides were detected in any of the 27-30 inch samples.

DDD was detected in the 3-6 inch soil samples collected from borings B-3 and B-5 at concentrations of 0.0046 milligrams per kilogram (mg/kg) and 0.0778 mg/kg, respectively. DDE was detected in the 3-6 inch soil samples from borings B-1 through B-5 and B-9 through B-11 at concentrations of 0.0234 mg/kg to 0.431 mg/kg. DDT was detected in the 3-6 inch soil samples from borings B-1, B-2, B-5, and B-9 at concentrations of 0.00581 mg/kg to 0.523 mg/kg. 0.0694 mg/kg β -BHC was detected in the 3-6 inch soil sample collected from soil boring B-5.

Detected concentrations of DDD, DDE, DDT, and β -BHC were below applicable Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for residential properties where groundwater is a potential source of drinking water. Detected concentrations of DDD, DDE, DDT, and β -BHC were also below applicable United States EPA Preliminary Remediation Goals (PRGs) for residential properties.

Arsenic

Arsenic was detected in the 3-6 inch soil samples collected from borings B-1 through B-4, B-9, and B-10 at concentrations ranging from 0.34 mg/kg to 14.0 mg/kg. Arsenic was not detected in the 3-6 inch soil samples collected from boring B-5 or B-11. Arsenic was also detected in the 27-30 inch soil sample collected from soil boring B-4 at 0.50 mg/kg; however, arsenic was typically absent in the 27-30 inch soil samples. These observed arsenic concentrations could be the result of inorganic pesticide use at the site, natural depositional processes, or other unknown causes.

Two of thirteen soil samples tested for arsenic exceeded the RWQCB arsenic ESL of 5.5 mg/kg for residential properties where groundwater is a potential source of drinking water (Table 1). Six of thirteen soil samples tested for arsenic exceeded the EPA arsenic PRG of 0.39 mg/kg for residential properties (Table 1).

According to the February 2005 document, "*Screening For Environmental Concerns At Sites With Contaminated Soil and Groundwater*," prepared by the California RWQCB, background concentrations of arsenic in Bay Area soils (and, by inference, for soil in the Coast Range geomorphic province) typically exceed risk-based screening levels for direct-

exposure concerns. For example, the risk-based screening level for arsenic in residential soils is 0.39 mg/kg. Based on an informal review of environmental reports submitted to the RWQCB, a background arsenic range of 5 mg/kg to 20 mg/kg is typical for much of the Bay Area. The RWQCB's 5.5 mg/kg arsenic ESL is considered provisional and is based on the arithmetic mean arsenic concentration in soil samples collected from Lawrence Berkeley National Laboratory property. At sites where this value is exceeded, additional review of background arsenic concentrations is recommended.

Chromium

Chromium was detected in all four analyzed samples at concentrations ranging from 28.4 mg/kg to 39.0 mg/kg (Table 1). Detected chromium concentrations were below the RWQCB ESL of 58 mg/kg and the EPA PRG of 210 mg/kg.

Copper and Lead

Copper was detected in all thirteen soil samples analyzed for this metal and lead was detected in all sixteen soil samples analyzed for this metal. Copper concentrations ranged from 8.00 mg/kg to 21.3 mg/kg and lead concentrations ranged from 2.82 mg/kg to 60.0 mg/kg (Table 1). Copper and lead concentrations in shallow soil samples were generally higher than copper and lead concentrations in deeper soil samples. This shallow to deep concentration "gradient" could be the result of inorganic pesticide use at the site, natural depositional processes, or other unknown causes. Detected copper and lead concentrations were below the RWQCB ESLs of 230 mg/kg and 150 mg/kg, respectively and were below the EPA PRGs of 3,100 mg/kg and 150 mg/kg, respectively.

Petroleum Hydrocarbons and Volatile Organic Compounds

The 3-6 inch sample from boring B-5 contained 476 mg/kg TRPH, and the 15-18 inch sample from boring B-7 contained 680 mg/kg TRPH (Table 2). None of the other samples analyzed contained detectable amounts of TRPH. No VOCs were detected in any of the samples analyzed.

The two soil samples containing detectable TRPH, the 3-6 sample from boring B-5 and the 15-18 inch sample from boring B-7, were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), Total Petroleum Hydrocarbons as diesel (TPH-d), and Total Petroleum Hydrocarbons as oil (TPH-o). No TPH-g, TPH-d, or TPH-o was detected in either of these samples, indicating that the hydrocarbons detected in the TRPH analyses were heavier than oil, such as tar or asphalt.

CONCLUSIONS AND RECOMMENDATIONS

Soil sample analytical data from this Phase II investigation document relatively low concentrations of arsenic, chromium, copper, lead, DDE, DDD, DDT, and β -BHC. The presence of arsenic, copper, and lead could be the result of historical use of the property as a fruit orchard; however, these metals also occur naturally in soil and may represent natural

depositional processes. Chromium detected in selected soil samples appears to represent background chromium concentrations. The presence of organochlorine pesticides at the site appears to be the result of historical use of the property as a fruit orchard.

TRPH was detected in two of five soil samples submitted for this analysis; however, additional testing of these two soil samples revealed no detectable TPH-g, TPH-d, or TPH-o. Based on these analytical results, no significant petroleum hydrocarbon contamination was detected in the soil samples.

Concentrations of the organochlorine pesticides DDD, DDE, DDT, and β -BHC detected in soil are well below applicable ESLs and PRGs. These pesticide residues, therefore, do not appear to pose a significant, long-term (chronic) threat to human health and the environment.

Concentrations of chromium, copper, and lead detected in soil are well below applicable ESLs and PRGs. These metals, therefore, do not appear to pose a significant, long-term (chronic) threat to human health and the environment.

Concentrations of arsenic detected in soil at the subject site are within the general background arsenic range of 5 mg/kg to 20 mg/kg for greater Bay Area soils; however, a site-specific background arsenic concentration could not be determined from the analytical data produced in this Phase II limited soil investigation.

Sincerely,

Environmental Investigation Services, Inc.



Jennifer Morris
Staff Geologist



Peter J. Castro, C.E.G. #1993
Project Geologist

Attachments

- Table 1 - Summary of Soil Analytical Data
- Table 2 - Summary of Soil Analytical Data
- Figure 1 - Site Location Map
- Figure 2 - Soil Boring Locations
- Attachment A - Boring Logs
- Attachment B - Analytical Laboratory Reports and Chain-Of-Custody Documents



Table 1: Summary of Soil Analytical Data
 Method 6010B for Arsenic, Chromium, Copper, and Lead; Method 8081A for Organochlorine Pesticides
 56 Atkinson Lane, Watsonville, California

Boring	Depth (inches)	Date	Arsenic	Chromium	Copper	Lead	DDT	DDE	DDD	β -BHC
B-1	3-6	8/10/2006	14.0	NA	9.02	60.0	0.0331	0.431	<0.004	<0.002
B-1	27-30	8/10/2006	<0.25	NA	9.30	4.00	<0.004	<0.004	<0.004	<0.002
B-2	3-6	8/10/2006	10.4	30.0	13.0	59.2	0.0175	0.386	<0.004	<0.002
B-2	27-30	8/10/2006	<0.25	38.0	10.2	6.00	<0.004	<0.004	<0.004	<0.002
B-3	3-6	8/10/2006	3.20	NA	19.0	39.0	<0.004	0.121	0.0046	<0.002
B-3	27-30	8/10/2006	<0.25	NA	10.1	5.00	<0.004	<0.004	<0.004	<0.002
B-4	3-6	8/10/2006	0.34	28.4	18.0	14.3	<0.004	0.0234	<0.004	<0.002
B-4	27-30	8/10/2006	0.50	39.0	8.00	3.54	<0.004	<0.004	<0.004	<0.002
B-5	3-6	8/10/2006	<0.25	NA	21.3	49.0	0.523	0.150	0.0778	0.0694
B-5	27-30	8/10/2006	<0.25	NA	8.72	2.82	<0.004	<0.004	<0.004	<0.002
B-9	3-6	8/10/2006	0.53	NA	11.0	16.0	0.00581	0.0411	<0.004	<0.002
B-10	3-6	8/10/2006	1.40	NA	8.20	16.3	<0.004	0.0430	<0.004	<0.002
B-11	3-6	8/10/2006	<0.25	NA	12.0	15.4	<0.004	0.0235	<0.004	<0.002
RWQCB ESL			5.5	58	230	150	1.6	1.6	2.3	—
USEPA PRG			0.39	210	3100	150 ^(a)	1.7	1.7	2.4	0.32

Notes:

Data are reported in milligrams per kilogram (mg/kg)

DDT = 4,4'-Dichlorodiphenyltrichloroethane

DDE = 4,4'-Dichlorodiphenyldichloroethane

DDD = 4,4'-Dichlorodiphenyldichloroethane

β -BHC = β -hexachlorocyclohexane

RWQCB ESL = Regional Water Quality Control Board's Environmental Screening Level for Shallow Soil on Residential Properties

Where Groundwater is a Current or Potential Drinking Water Source

USEPA PRG = United States Environmental Protection Agency's Preliminary Remediation Goal for Residential Soil

(a) = California-modified PRG.

Table 2: Soil Analytical Results
 Method 418.1 for TRPH; Method 6010B for Lead; Method 8260B for VOCs
 56 Atkinson Lane, Watsonville, California

Boring	Depth (inches)	Date	TRPH	TPH-g	TPH-d	TPH-o	Lead	VOC
B-5	3-6	8/10/2006	476	<0.5	<10	<50	49.0	ND
B-5	27-30	8/10/2006	<10	NA	NA	NA	2.82	ND
B-6	15-18	8/10/2006	<10	NA	NA	NA	6.02	ND
B-7	15-18	8/10/2006	680	<0.5	<10	<50	12.0	ND
B-8	15-18	8/10/2006	<10	NA	NA	NA	3.50	ND
RWQCB ESL			--	100	100	500	150	--
USEPA PRG			--	--	--	--	150 ^(a)	--

Notes:

Data are reported in milligrams per kilogram (mg/kg).

TRPH = Total Recoverable Petroleum Hydrocarbons

TPH-g = Total Petroleum Hydrocarbons as Gasoline

TPH-d = Total Petroleum Hydrocarbons as Diesel

TPH-o = Total Petroleum Hydrocarbons as Oil

VOC = Volatile Organic Compounds

RWQCB ESL = Regional Water Quality Control Board's Environmental

Screening Level for Shallow Soil on Residential

Properties Where Groundwater is a Current

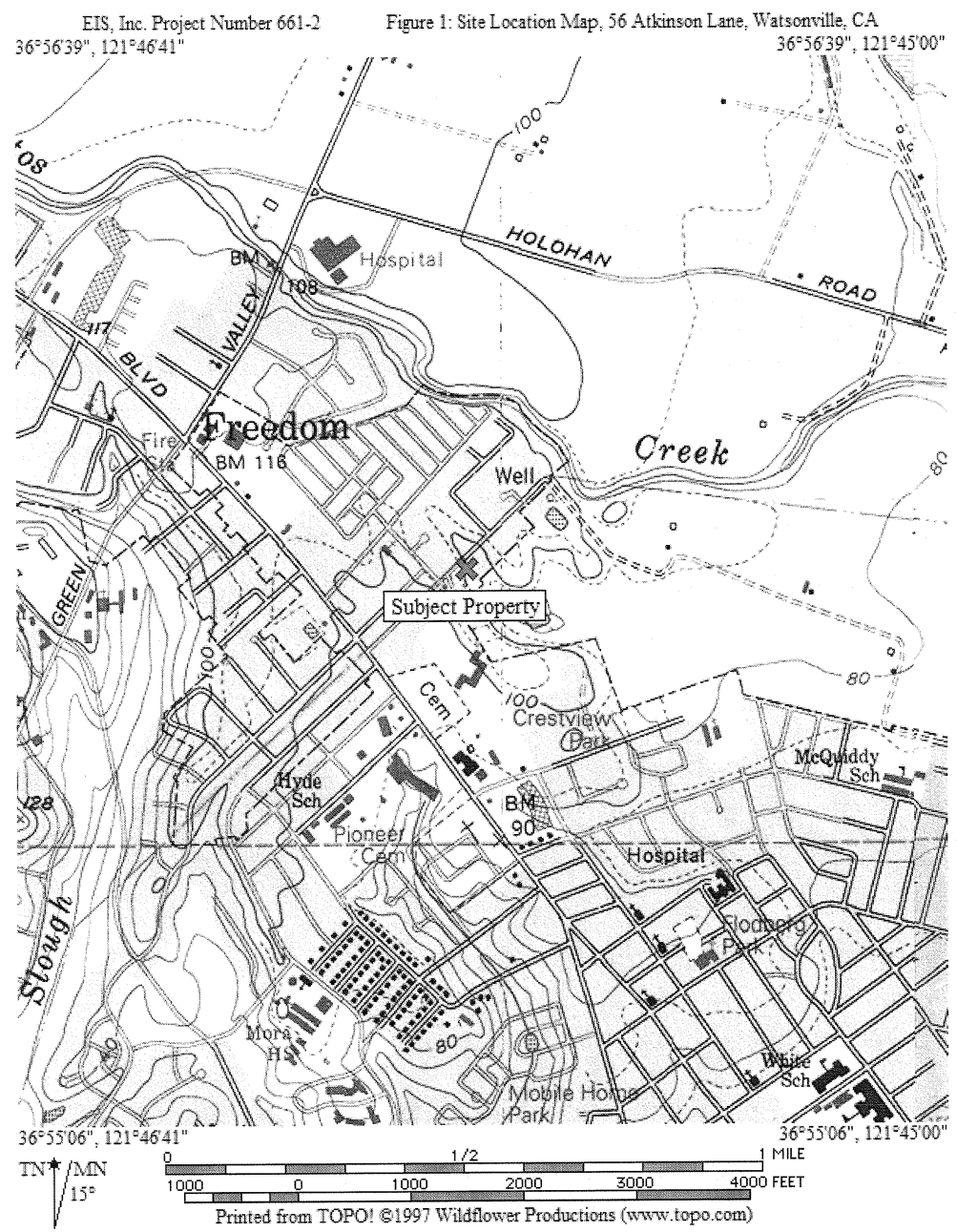
or Potential Drinking Water Source

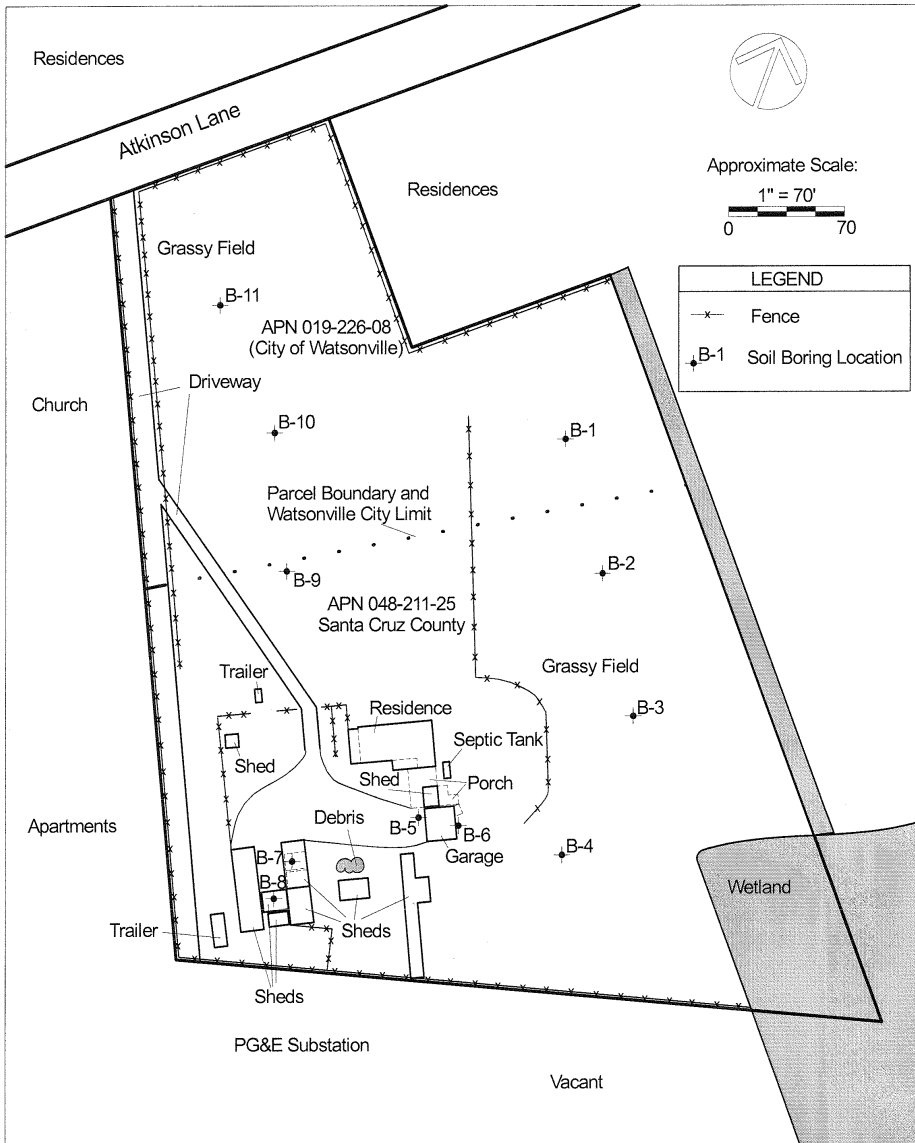
USEPA PRG = United States Environmental Protection Agency's

Preliminary Remediation Goal for Residential Soil

(a) = California-modified PRG.

Figures





Attachment A
Boring Logs

ENVIRONMENTAL INVESTIGATION SERVICES, INC.
15466 Los Gatos Blvd. Suite 109-062 Los Gatos, CA 95032
(408) 395-7674/(888) 434-7462 Fax: (408) 399-7674

Project # 661-2
August 11, 2006

Figure 2

Site Map
56 Atkinson Lane
Watsonville, California

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-1	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 2.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	13:03		1	[Hatched Pattern]	CL	SANDY CLAY medium brown, 10-15% fine sand, dry, no odor
	13:22		2			dark brown, 10-15% fine sand, moist, no odor
	13:30		2.5			dark brown, 15-25% sand, moist, no odor
			3			END OF BORING 2.5' below ground surface.
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: N. Littman
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-2	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 2.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	12:03		1	[Hatched Pattern]	CL	SILTY CLAY dark brown, trace fine sand, trace Fe ₂ O ₃ staining, rootlets, dry, no odor
	12:50		2			SANDYCLAY dark brown, 15-25% fine sand, rootlets, slightly moist, no odor
	12:52		2.5			moist, no odor
			3			END OF BORING 2.5' below ground surface.
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: J. Morris
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-3	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 2.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	11:51		0			SANDY CLAY dark brown, 15-25% fine sand, trace rootlets, moist, no odor
	12:00		1		CL	
	12:08		2			blackish-brown, 15-25% fine sand, moist, no odor
	12:22		2.5			increased moisture, no odor
			3			END OF BORING 2.5' below ground surface.
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: N. Littman
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-4	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 2.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	10:47		0			SILTY CLAY dark brown, trace fine sand, dry, no odor
	10:58		1		CL	
	11:15		2			dark brown, <10% sand, moist, no odor
	11:26		2.5			dark brown with light brown mottling, 15-25% fine sand, Fe ₂ O ₃ staining, slightly moist, no odor
			3			END OF BORING 2.5' below ground surface.
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: N. Littman
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-5	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 2.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	14:16		0			SANDY CLAY brown, 25-40% fine sand, dry, no odor
	14:37		1		CL	SANDY CLAY brown, 15-25% fine sand, slightly moist, no odor
	14:47		2			light reddish-brown, 25-45% fine sand, slightly moist, no odor
			3			END OF BORING 2.5' below ground surface.
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: N. Littman
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-6	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 1.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	15:05		0			SANDY CLAY brown, 25-30% fine sand, dry, no odor
	15:15		1			SANDY CLAY reddish brown, 10-15% fine sand, slightly moist, no odor
			2			END OF BORING 1.5' below ground surface.
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: N. Littman
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-7	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 2.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	15:30		0		CL	SANDY CLAY gravelly, silty, dark brown, coarse gravel, 20-30% fine sand, trace cobbles, moist, no odor
	15:41		1		CL	SILTY CLAY dark brown, trace fine sand, very moist, no odor
			1		CLAY	silty, light brown, moist, no odor
			2			END OF BORING 1.5' below ground surface.
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: J. Morris
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-8	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 2.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.			0			SILTY CLAY brown, 5-10% fine sand, slightly moist, no odor
			1		CL	reddish brown, slightly moist, no odor
			2			END OF BORING 1.5' below ground surface.
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: N. Littman
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-9	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 0.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	16:25				CL	SILTY CLAY, brown, trace fine sand, dry, no odor
			1			END OF BORING 0.5' below ground surface.
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: J. Morris
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc.	Boring/Well No: B-10	Page 1 of 1
Drilling Equipment: Hand Auger	Boring Depth: 0.5'	Groundwater: No
Sampling Equipment: Hand Auger	Boring Diameter: 3"	

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	16:43				CL	SILTY CLAY, dark brown, trace fine sand, dry, no odor
			1			END OF BORING 0.5' below ground surface.
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California
	Logged By: J. Morris
	Drilling Date: August 10, 2006

Boring/Well Log

Drilling Contractor: EIS, Inc. Drilling Equipment: Hand Auger Sampling Equipment: Hand Auger	Boring/Well No: B-11 Page 1 of 1 Boring Depth: 0.5' Groundwater: No Boring Diameter: 3"
--	---

Well Construction	Time	Sample	Depth (feet)	Lithology	Soil Type	Description
Boring backfilled to with native soil.	16:48	█	█	█	CL	SILTY CLAY, dark brown, trace fine sand, dry, no odor END OF BORING 0.5' below ground surface.
			1			
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032 (408) 395-7674/(408) 399-7674 (Fax)	Project: 661-2 56 Atkinson Lane, Watsonville, California Logged By: J. Morris Drilling Date: August 10, 2006
---	--

Attachment B
Laboratory Analytical Reports
And
Chain of Custody Documents



AMERICAN SCIENTIFIC LABORATORIES, LLC
 Environmental Testing Services
 2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 233-9700 Fax: (323) 233-9500

Ordered By

Environmental Investig. Svcs, Inc.
 15468 Los Gatos Blvd, Ste. 109-062
 Los Gatos, CA 95032-

Telephone (408) 395-7674
 Attn Peter Littman

Number of Pages 26		
Date Received	08/11/2006	
Date Reported	08/15/2006	
Job Number	Ordered	Client
30443	08/11/2006	EIS

Project ID: 661-2
 Project Name: 56 Atkinson Ln.
 Site: 56 Atkinson Ln.
 Watsonville, CA

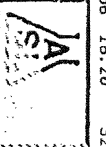
Enclosed are the results of analyses on 16 samples analyzed as specified on attached chain of custody.

Amolk Brar
 Amolk MOLKY Brar
 Laboratory Manager

Rojert G. Araghi
 Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL, verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



08/15/2006 16:20 3232239500 AMERICAN SCIENTIFIC LABORATORIES, LLC
 Environmental Testing Services
 2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 233-9700 Fax: (323) 233-9500

ANALYTICAL RESULTS

Site
 56 Atkinson Ln.
 Watsonville, CA

Ordered By
 Environmental Investig. Svcs, Inc.
 15468 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-
 Telephone: (408) 395-7674
 Attn: Peter Littman

Page: 2
 Project ID: 661-2
 Project Name: 56 Atkinson Ln.
 Job Number: 30443
 Order Date: 08/11/2006
 Client: EIS
 Method: 418.1, TRPH

Batch No: 081406-1

Our Lab I.D.	Sample ID	Date Sampled	Date Extracted	Preparation Method	Date Analyzed	Matrix	Units	Detection Limit Multiplier	Analytes	Total Recoverable Petroleum Hydrocarbons
116706	B-5, 3"-6"	08/10/2006	08/11/2006		08/14/2006	Soil	mg/kg	1	POL	10
176706	B-5, 27"-30"	08/10/2006	08/11/2006		08/14/2006	Soil	mg/kg	1	Results	ND
176707	B-6, 15"-18"	08/10/2006	08/11/2006		08/14/2006	Soil	mg/kg	1	Results	ND
176708	B-7, 15"-18"	08/10/2006	08/11/2006		08/14/2006	Soil	mg/kg	1	Results	580
176709	B-8, 15"-18"	08/10/2006	08/11/2006		08/14/2006	Soil	mg/kg	1	Results	ND

QUALITY CONTROL REPORT

MS % REC	MS DUP % REC	RPD %	MSMSD % Limit	MS RPD % Limit
117	113	3.5	70-130	15



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (827) 223-9700 Fax: (827) 223-9500

ANALYTICAL RESULTS

Ordered By

Environmental Investig. Svcs. Inc.
15466 Los Gatos Blvd.
Ste. 109-062
Los Gatos, CA 95032

Telephone: (408)395-7674

Attn: Peter Littman

Page: 3
Project ID: 661-2
Project Name: 56 Atkinson Ln.

Site

56 Atkinson Ln.
Watsonville, CA

Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Arsenic (ICP)

Batch No:	176697	176698	176699	176700	176701
Our Lab I.D.	B-1, 1"-6"	B-1, 27"-30"	B-2, 3"-6"	B-2, 27"-30"	B-3, 3"-6"
Sample ID					
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier					
Analytes	PQL	Results	Results	Results	Results
ICP Metals					
Arsenic	0.25	14.0	ND	10.4	ND

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD
Analytes	% REC	% Limit
ICP Metals		
Arsenic	93	80-120



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

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15466 Los Gatos Blvd.
Ste. 109-062
Los Gatos, CA 95032

Telephone: (408)395-7674

Attn: Peter Littman

Page: 4
Project ID: 661-2
Project Name: 56 Atkinson Ln.

Site

56 Atkinson Ln.
Watsonville, CA

Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Arsenic (ICP)

Batch No:	176702	176703	176704	176705	176706
Our Lab I.D.	B-3, 27"-30"	B-4, 3"-6"	B-4, 27"-30"	B-5, 3"-6"	B-5, 27"-30"
Sample ID					
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier					
Analytes	PQL	Results	Results	Results	Results
ICP Metals					
Arsenic	0.25	ND	0.34	0.50	ND

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD
Analytes	% REC	% Limit
ICP Metals		
Arsenic	93	80-120



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
 2520 N. San Fernando Rd., Los Angeles, CA 90095 Tel: (323) 223-9700 Fax: (323) 223-9800

ANALYTICAL RESULTS

Ordered By
 Environmental Investg. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-
 Telephone: (408)395-7674
 Attn: Peter Littman

Site
 56 Atkinson Ln.
 Watsonville, CA

Page: 5
 Project ID: 661-2
 Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Arsenic (ICP)

Batch No:	176710	176711	176712
Our Lab I.D.	B-9, 3"-6"	B-10, 3"-6"	B-11, 3"-6"
Sample ID			
Date Sampled	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006
Preparation Method			
Date Analyzed	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier			
Analytes	PQL	Results	Results
ICP Metals			
Arsenic	0.25	0.53	1.40

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD				
	% REC	% Limit				
Analytes						
ICP Metals						
Arsenic	99	80-120				



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
 2520 N. San Fernando Rd., Los Angeles, CA 90095 Tel: (323) 223-9700 Fax: (323) 223-9800

ANALYTICAL RESULTS

Ordered By
 Environmental Investg. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-
 Telephone: (408)395-7674
 Attn: Peter Littman

Site
 56 Atkinson Ln.
 Watsonville, CA

Page: 6
 Project ID: 661-2
 Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Chromium (ICP)

Batch No:	176699	176700	176703	176704
Our Lab I.D.	B-2, 3"-6"	B-2, 27"-30"	B-4, 3"-6"	B-4, 27"-30"
Sample ID				
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method				
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier				
Analytes	PQL	Results	Results	Results
ICP Metals				
Chromium	0.50	30.0	38.0	28.4

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD				
	% REC	% Limit				
Analytes						
ICP Metals						
Chromium	99	80-120				



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ANALYTICAL RESULTS

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15466 Los Gatos Blvd.
Ste. 109-062
Los Gatos, CA 95032-
Telephone: (408)395-7674
Attn: Peter Littman

Site

56 Atkinson Ln.
Watsonville, CA

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Project ID: 661-2
Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Copper (ICP)

Batch No:	176697	176698	176699	176700	176701
Our Lab I.D.	B-1, 3"-6"	B-1, 27"-30"	B-2, 3"-6"	B-2, 27"-30"	B-3, 3"-6"
Sample ID					
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier	1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results
ICP Metals					
Copper	0.50	9.02	9.30	13.0	10.2

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD
Analytes	% REC	% Limit
ICP Metals		
Copper	95	80-120



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Project ID: 661-2
Project Name: 56 Atkinson Ln.

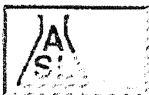
Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Copper (ICP)

Batch No:	176702	176703	176704	176705	176706
Our Lab I.D.	B-3, 27"-30"	B-4, 3"-6"	B-4, 27"-30"	B-5, 3"-6"	B-5, 27"-30"
Sample ID					
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier	1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results
ICP Metals					
Copper	0.50	10.1	18.0	6.00	21.3

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD
Analytes	% REC	% Limit
ICP Metals		
Copper	95	80-120



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Site
56 Atkinson Ln.
Watsonville, CA

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Project ID: 661-2
Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Copper (ICP)

Batch No:	Method: 6010B, Copper (ICP)		
Our Lab I.D.	176710	176711	176712
Sample ID	B-9, 3"-6"	B-10, 3"-6"	B-11, 3"-6"
Date Sampled	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006
Preparation Method			
Date Analyzed	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier	1	1	1
Analytes	PQL	Results	Results
ICP Metals			
Copper	0.50	12.0	8.20

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD		
Analytes	% REC	% Limit		
ICP Metals				
Copper	95	80-120		



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56 Atkinson Ln.
Watsonville, CA

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Project ID: 661-2
Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 6010B, Lead (ICP)

Batch No:	Method: 6010B, Lead (ICP)				
Our Lab I.D.	176697	176698	176699	176700	176701
Sample ID	B-1, 3"-6"	B-1, 27"-30"	B-2, 3"-6"	B-2, 27"-30"	B-3, 3"-6"
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier	1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results
ICP Metals					
Lead	0.25	60.0	4.00	59.2	6.00

QUALITY CONTROL REPORT

Batch No:	LCS	LCS/LCSD		
Analytes	% REC	% Limit		
ICP Metals				
Lead	103	80-120		



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Project ID: 661-2

Project Name: 56 Atkinson Ln.

Site

56 Atkinson Ln.
Watsonville, CA

Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 6010B, Lead (ICP)

Batch No:

Our Lab I.D.	176702	176703	176704	176705	176706
Sample ID	B-3, 27"-30"	B-4, 3"-6"	B-4, 27"-30"	B-5, 3"-6"	B-5, 27"-30"
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier	1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results
ICP Metals					
Lead	0.25	5.00	14.3	3.54	49.0

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS	LCS/LCSD				
	% REC	% Limit				
ICP Metals						
Lead	103	80-120				



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Project ID: 661-2

Project Name: 56 Atkinson Ln.

Site

56 Atkinson Ln.
Watsonville, CA

Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 6010B, Lead (ICP)

Batch No:

Our Lab I.D.	176707	176708	176709	176710	176711
Sample ID	B-6, 15"-18"	B-7, 15"-18"	B-8, 15"-18"	B-9, 3"-6"	B-10, 3"-6"
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier	1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results
ICP Metals					
Lead	0.25	6.02	12.0	3.50	16.0

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS	LCS/LCSD				
	% REC	% Limit				
ICP Metals						
Lead	103	80-120				



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 Watsonville, CA

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 Project ID: 661-2
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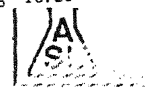
Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 6010B, Lead (ICP)

Batch No:	176712
Our Lab I.D.	B-11, 3"-6"
Sample ID	
Date Sampled	08/10/2006
Date Extracted	08/14/2006
Preparation Method	
Date Analyzed	08/14/2006
Matrix	Soil
Units	mg/Kg
Detection Limit Multiplier	
Analytes	PQL Results
ICP Metals	
Lead	0.25 15.4

QUALITY CONTROL REPORT

Batch No:	LCS		LCS/LCSD	
	% REC	% Limit		
ICP Metals				
Lead	103	80-120		



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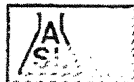
Site
 56 Atkinson Ln.
 Watsonville, CA

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 Project ID: 661-2
 Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 8081A, Organochlorine Pesticides

Batch No:	176698	176700	176701	176702	176703
Our Lab I.D.	B-1, 27"-30"	B-2, 27"-30"	B-3, 3"-6"	B-3, 27"-30"	B-4, 3"-6"
Sample ID					
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Preparation Method					
Date Analyzed	08/14/2006	08/14/2006	08/14/2006	08/14/2006	08/14/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Detection Limit Multiplier					
Analytes	PQL	Results	Results	Results	Results
Aldrin	2.00	ND	ND	ND	ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND	ND
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND	ND
Gamma-Chlordane	2.00	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND
4,4'-DDE (DDD)	4.00	ND	ND	4.60	ND
4,4'-DDE (DDE)	4.00	ND	ND	121	23.4
4,4'-DDT (DDT)	4.00	ND	ND	ND	ND
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND	ND
Dieldrin	4.00	ND	ND	ND	ND
Endosulfan I	2.00	ND	ND	ND	ND
Endosulfan II	4.00	ND	ND	ND	ND
Endosulfan sulfate	4.00	ND	ND	ND	ND
Endrin	4.00	ND	ND	ND	ND
Endrin aldehyde	4.00	ND	ND	ND	ND
Endrin ketone	4.00	ND	ND	ND	ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND	ND
Heptachlor	2.00	ND	ND	ND	ND
Heptachlor epoxide	2.00	ND	ND	ND	ND
Methoxychlor	17.00	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND



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ANALYTICAL RESULTS

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 Project ID: 661-2
 Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 8081A, Organochlorine Pesticides

Our Lab I.D.	176698	176700	176701	176702	176703
Surrogate	Con. Limit	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery					
Decachlorobiphenyl	43-165	83	80	80	88

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD
	% REC	% REC	% REC	% Limit	% Limit
Aldrin	81	82	10.4	42-122	<30
4,4'-DDT (DDT)	129	129	4.8	25-160	<30
Dieldrin	112	117	4.8	36-146	<30
Endrin	127	130	2.3	30-147	<30
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	88	81	8.3	32-127	<30
Heptachlor	102	91	11.4	34-111	<30



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ANALYTICAL RESULTS

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Site: 56 Atkinson Ln.
 Watsonville, CA

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 Project ID: 661-2
 Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 8081A, Organochlorine Pesticides

Batch No:

Our Lab I.D.	176704	176706	176710	176711	176712
	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled
Date Extracted	Date Extracted	Date Extracted	Date Extracted	Date Extracted	Date Extracted
Preparation Method	Preparation Method	Preparation Method	Preparation Method	Preparation Method	Preparation Method
Date Analyzed	Date Analyzed	Date Analyzed	Date Analyzed	Date Analyzed	Date Analyzed
Matrix	Matrix	Matrix	Matrix	Matrix	Matrix
Units	Units	Units	Units	Units	Units
Detection Limit Multiplier	Detection Limit Multiplier	Detection Limit Multiplier	Detection Limit Multiplier	Detection Limit Multiplier	Detection Limit Multiplier
Analytes	PQL	Results	Results	Results	Results
Aldrin	2.00	ND	ND	ND	ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND	ND
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND	ND
Gamma-Chlordane	2.00	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	ND	ND	41.1	43.0
4,4'-DDT (DDT)	4.00	ND	ND	5.81	ND
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND	ND
Dieldrin	4.00	ND	ND	ND	ND
Endosulfan I	2.00	ND	ND	ND	ND
Endosulfan II	4.00	ND	ND	ND	ND
Endosulfan sulfate	4.00	ND	ND	ND	ND
Endrin	4.00	ND	ND	ND	ND
Endrin aldehyde	4.00	ND	ND	ND	ND
Endrin ketone	4.00	ND	ND	ND	ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND	ND
Heptachlor	2.00	ND	ND	ND	ND
Heptachlor epoxide	2.00	ND	ND	ND	ND
Methoxychlor	17.00	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND



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Project ID: 661-2
Project Name: 56 Atkinson Ln.

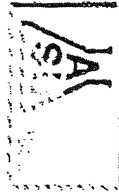
Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 8081A, Organochlorine Pesticides

Batch No:	176705	
Our Lab I.D.	B-5.3 ² -6 ²	
Sample ID	08/10/2006	
Date Sampled	08/14/2006	
Date Extracted	08/14/2006	
Preparation Method		
Date Analyzed	08/14/2006	
Matrix	Soil	
Units	ug/kg	
Detection Limit Multiplier		
Analytes	PQL	Results
Aldrin	2.00	ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	69.4
Gamma-Chlordane	2.00	ND
alpha-Chlordane	2.00	ND
4,4'-DDD (DDD)	4.00	77.8
4,4'-DDE (DDE)	4.00	150
4,4'-DDT (DDT)	40.0	523
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND
Dieldrin	4.00	ND
Endosulfan I	2.00	ND
Endosulfan II	4.00	ND
Endosulfan sulfate	4.00	ND
Endrin	4.00	ND
Endrin aldehyde	4.00	ND
Endrin ketone	4.00	ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND
Heptachlor	2.00	ND
Heptachlor epoxide	2.00	ND
Methoxychlor	11.00	ND
Toxaphene	170	ND

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Job Number	Order Date	Client
30443	08/11/2006	EIS

Method: 8081A, Organochlorine Pesticides

Our Lab I.D.	Con. Limit	% Rec.
176697		
Surrogate Percent Recovery		
Decachlorobiphenyl	43-169	85

QUALITY CONTROL REPORT

Analytes	Batch No:		% REC		% Limit	
	LCS	DUP	% REC	% Limit	LCS	RPD
Aldrin	91	82	10.4	42-122	<30	<30
4,4'-DDT (DDT)	123	129	4.8	25-160	<30	<30
Dieldrin	112	117	4.4	36-146	<30	<30
Endrin	127	130	2.3	30-147	<30	<30
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	88	81	8.3	32-127	<30	<30
Heptachlor	102	91	11.4	34-111	<30	<30

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ANALYTICAL RESULTS

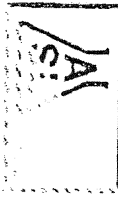
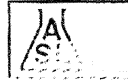
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Project ID: 661-2			
Project Name: 56 Atkinson Ln.			

Method: 8081A, Organochlorine Pesticides

Batch No:	176689
Our Lab I.D.:	B-2,376
Sample ID:	08/10/2006
Date Sampled:	08/14/2006
Date Extracted:	08/14/2006
Preparation Method:	
Date Analyzed:	08/14/2006
Matrix:	Soil
Units:	ug/kg
Detection Limit Multiplier:	1
Analytes	PQL Results
Aldrin	2.00 ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00 ND
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00 ND
Gamma-Chlordane	2.00 ND
alpha-Chlordane	2.00 ND
1,4'-DDD (DDD)	4.00 ND
4,4'-DDE (DDE)	40.0 385
4,4'-DDT (DDT)	4.00 17.5
delta-Hexachlorocyclohexane (Delta-BHC)	2.00 ND
Dieldrin	4.00 ND
Endosulfan I	2.00 ND
Endosulfan II	4.00 ND
Endosulfan sulfate	4.00 ND
Endrin	4.00 ND
Endrin aldehyde	4.00 ND
Endrin ketone	4.00 ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00 ND
Heptachlor	2.00 ND
Heptachlor epoxide	2.00 ND
Methoxychlor	17.00 ND
Toxaphene	170 ND



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 Environmental Testing Services
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ANALYTICAL RESULTS

Page: 21
 Project ID: 661-2
 Project Name: 56 Atkinson Ln.

Job Number: 30443	Order Date: 08/11/2006	Client: ETS
-------------------	------------------------	-------------

Our Lab I.D. Method: 8081A, Organochlorine Pesticides
 Surrogate Percent Recovery Con. Limit & Rec. 176705
 Dacachlorobiphenyl 43-159 85

QUALITY CONTROL REPORT

Analytes	LCS		LCS DUP		LCS RPD		LCS/LCSD		LCS RPD	
	% REC	% REC	% REC	% REC	% REC	% Limit	% Limit	% Limit	% Limit	
Aldrin	91	82	10.4	42-122		<30				
4,4'-DDT (DDT)	123	129	4.8	25-160		<30				
Dieldrin	112	117	4.4	36-146		<30				
Endrin	127	130	2.3	30-147		<30				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	88	81	8.3	32-127		<30				
Heptachlor	102	91	11.4	34-111		<30				



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ANALYTICAL RESULTS

Page: 23
Project ID: 661-2
Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 8081A, Organochlorine Pesticides

Our Lab I.D.	Con. Limit	% Rec.	176699
Surrogates			
Surrogate Percent Recovery			
Decechlorobiphenyl	43-169	82	

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS		LCS DUP		LCS RPD		LCS/LCSD		LCS RPD	
	% REC	% REC	% REC	% REC	% REC	% REC	% Limit	% Limit	% Limit	% Limit
Aldrin	91	82	10.4	42-122	<30					
4,4'-DDT (ODT)	123	129	4.8	25-160	<30					
Dieldrin	112	117	4.4	36-146	<30					
Endrin	127	130	2.3	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-HCH, Lindane)	88	81	8.3	32-127	<30					
Heptachlor	102	91	11.4	34-111	<30					



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Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 221-9200 Fax: (323) 221-9500

ANALYTICAL RESULTS

Ordered By

Environmental Investg. Svcs, Inc.
15466 Los Gatos Blvd.
Ste. 109-062
Los Gatos, CA 95032

Site

56 Atkinson Ln.
Watsonville, CA

Telephone: (408)395-7674
Attn: Peter Littman

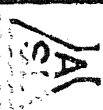
Page: 24
Project ID: 661-2
Project Name: 56 Atkinson Ln.

Job Number	Order Date	Client
30443	08/11/2006	ETS

Method: 8260B, Volatile Organic Compounds

Batch No: 081106-1B

Our Lab I.D.	176705	176706	176707	176708	176709
Sample ID	B-5, 3"-6"	B-5, 27"-30"	B-6, 15"-18"	B-7, 15"-18"	B-8, 15"-18"
Date Sampled	08/10/2006	08/10/2006	08/10/2006	08/10/2006	08/10/2006
Date Extracted	08/11/2006	08/11/2006	08/11/2006	08/11/2006	08/11/2006
Preparation Method					
Date Analyzed	08/11/2006	08/11/2006	08/11/2006	08/11/2006	08/11/2006
Matrix	Soil	Soil	Soil	Soil	Soil
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Detection Limit Multiplier	1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results
Acetone	50.00	ND	ND	ND	ND
Benzene	2.00	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	10.00	ND	ND	ND	ND
Bromochloromethane (Chlorobromomethane)	10.00	ND	ND	ND	ND
Bromodichloromethane (Dichlorobromomethane)	10.00	ND	ND	ND	ND
Bromoform (Tribromomethane)	50.00	ND	ND	ND	ND
Bromomethane (Methyl bromide)	30.00	ND	ND	ND	ND
2-Butanone (MEK, Methyl ethyl ketone)	50.00	ND	ND	ND	ND
n-Butylbenzene	10.00	ND	ND	ND	ND
sec-Butylbenzene	10.00	ND	ND	ND	ND
tert-Butylbenzene	10.00	ND	ND	ND	ND
Carbon disulfide	10.00	ND	ND	ND	ND
Carbon tetrachloride (Tetrachloromethane)	10.00	ND	ND	ND	ND
Chlorobenzene	10.00	ND	ND	ND	ND
Chloroethane	30.00	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50.00	ND	ND	ND	ND
Chloroform (Trichloromethane)	10.00	ND	ND	ND	ND
Chloromethane (Methyl chloride)	30.00	ND	ND	ND	ND
4-Chlorotoluene (p-Chlorotoluene)	10.00	ND	ND	ND	ND
2-Chlorotoluene (o-Chlorotoluene)	10.00	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	50.00	ND	ND	ND	ND
Dibromochloromethane	10.00	ND	ND	ND	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.00	ND	ND	ND	ND
Dibromomethane	10.00	ND	ND	ND	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.00	ND	ND	ND	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.00	ND	ND	ND	ND



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ANALYTICAL RESULTS

Page: 26
Project ID: 661-2
Project Name: 56 Atkinson Ln.

Job Number: 30443
Order Date: 08/11/2006
Client: ETS

Method: 8260B, Volatile Organic Compounds

Table with columns: Our Lab I.D., Surrogates, Surrogate Percent Recovery, Bromofluorobenzene, Dichlorofluoromethane, Toluene-d8, and various recovery percentages.

QUALITY CONTROL REPORT

Table with columns: Analytes, MS % REC, MS DUP % REC, RPD %, MSMSD % Limit, MS RPD % Limit. Lists various analytes like Benzene, Chlorobenzene, 1,1-Dichloroethane, etc.



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ANALYTICAL RESULTS

Page: 25
Project ID: 661-2
Project Name: 56 Atkinson Ln.
Job Number: 30443
Order Date: 08/11/2006
Client: ETS

Method: 8260B Volatile Organic Compounds

Main analytical results table with columns: Batch No: 081106-1B, Our Lab I.D., Sample ID, Date Sampled, Analytes, PQL, Results (176705, 176706, 176707, 176708, 176709).



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Environmental Testing Services

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Company: **EIS**
COC# **N9 35549 GLOBAL ID**

E REPORT: PDF EDF EDD ASL JOB#

Project Name: **56 Atkinson Ln**
Site Address: **56 Atkinson Ln**
Address: **56 Atkinson Ln**

Report To: **Peter L. Hanson**
Invoice To: **EIS**
Address: **EIS**

Telephone: **408-591-7674**
Fax: **408-591-7674**

PO#: **661-8**
ANALYSIS REQUESTED

Special Instruction: **12-Hour RUSH**
Project ID: **661-2**

Matrix: **Soil**
Preservation: **Fire**

Project Manager: **Peter L. Hanson**

Matrix: **Soil**
Preservation: **Fire**

LAB USE ONLY	SAMPLE DESCRIPTION	Containers	Matrix	Preservation	ANALYSIS REQUESTED	REMARKS	
T E M	Sample ID	Date	Time	#	Type		
	B-1, 3-6	4/10/06	13:05	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-1, 2-5-6	4/10/06	13:30	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-2, 2-7-6	4/10/06	12:52	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-3, 3-6	4/10/06	10:00	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-4, 3-6	4/10/06	10:58	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-5, 3-6	4/10/06	11:26	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-5, 3-6	4/10/06	14:16	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-5, 3-6	4/10/06	14:47	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH

Collected By: **James Moore** Date: **4/10/06** Time: **18:16** Reinquished By: **James Moore** Date: **4/10/06** Time: **17:17**
 Reinquished By: **James Moore** Date: **4/10/06** Time: **17:17** Condition of Sample: **Normal**
 Rush



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Environmental Testing Services

2520 N. San Fernando Road, L.A., CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Company: **EIS**
COC# **N9 35550 GLOBAL ID**

E REPORT: PDF EDF EDD ASL JOB#

Project Name: **56 Atkinson Ln**
Site Address: **56 Atkinson Ln**
Address: **56 Atkinson Ln**

Report To: **Peter L. Hanson**
Invoice To: **EIS**
Address: **EIS**

Telephone: **408-591-7674**
Fax: **408-591-7674**

PO#: **661-8**
ANALYSIS REQUESTED

Special Instruction: **RUSH**
Project ID: **661-2**

Matrix: **Soil**
Preservation: **Fire**

LAB USE ONLY	SAMPLE DESCRIPTION	Containers	Matrix	Preservation	ANALYSIS REQUESTED	REMARKS	
T E M	Sample ID	Date	Time	#	Type		
	B-6, 5-6	4/10/06	15:41	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-7, 15-16	4/10/06	15:41	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-8, 15-16	4/10/06	15:58	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-9, 5-6	4/10/06	16:25	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-10, 5-6	4/10/06	16:30	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH
	B-11, 5-6	4/10/06	16:46	1	Soil	TRPH 419.1 Pb 6010B VOC 9260 As, Cu 6010B Cr 6010B TPH Full Range	RUSH

Collected By: **James Moore** Date: **4/10/06** Time: **17:16** Reinquished By: **James Moore** Date: **4/10/06** Time: **17:14**
 Reinquished By: **James Moore** Date: **4/10/06** Time: **17:14** Condition of Sample: **Normal**
 Rush

C H A I N O F S U C R E C O R D


AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

 Environmental Investig. Svcs, Inc.
 15466 Los Gatos Blvd. Ste. 109-062
 Los Gatos, CA 95032-

Number of Pages 3

 Date Received 08/16/2006
 Date Reported 08/17/2006

 Telephone (408) 395-7674
 Attn Peter Littman

Job Number	Ordered	Client
30496	08/16/2006	EIS

 Project ID: 661-2
 Project Name: 56 Atkinson Ln.
 Site: 56 Atkinson Ln.
 Watsonville, CA

Enclosed are the results of analyses on 2 samples analyzed as specified on attached chain of custody.

 Wendy Lu
 Organics Supervisor

 Rojert G. Araghi
 Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.


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ANALYTICAL RESULTS

Ordered By

 Environmental Investig. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-

Site

 56 Atkinson Ln.
 Watsonville, CA

Telephone: (408) 395-7674

Attn: Peter Littman

Page: 2

Project ID: 661-2

Project Name: 56 Atkinson Ln.

ASL Job Number	Submitted	Client
30496	08/16/2006	EIS

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

Our Lab I.D.	QC Batch No: 081606-1			
	Method Blank	177164	177165	
Client Sample I.D.	B-5, 3"-6"	B-7, 15"-18"		
Date Sampled	08/10/2006	08/10/2006		
Date Prepared	08/16/2006	08/16/2006		
Preparation Method	5030B	5030B	5030B	
Date Analyzed	08/16/2006	08/16/2006	08/16/2006	
Matrix	Soil	Soil	Soil	
Units	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				
Analytes	PQL	Results	Results	Results
TPH DROs (C10 to C28)	10	ND	ND	ND
TPH OROs (C28+)	50	ND	ND	ND

Our Lab I.D.	177164		177165	
Surrogates	% Rec. Limit	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery				
Chlorobenzene	70-120	81	80	97

QUALITY CONTROL REPORT

Analytes	QC Batch No: 081606-1				
	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Diesel	97	100	3.0	75-120	<20



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ANALYTICAL RESULTS

Ordered By
Environmental Investig. Svcs, Inc.
15466 Los Gatos Blvd.
Ste. 109-062
Los Gatos, CA 95032
Telephone: (408)395-7674
Attn: Peter Lirtman

Site
56 Atkinson Ln.
Watsonville, CA

Page: 3

Project ID: 661-2
Project Name: 56 Atkinson Ln.

ASL Job Number	Submitted	Client
30496	08/16/2006	EIS

Method: 8015B, TPH GROs (Gasoline Range Organics)

QC Batch No: 081606-1

Our Lab I.D.	Method Blank	177164	177165
Client Sample I.D.		B-5, 3"-6"	B-7, 15"-18"
Date Sampled		08/10/2006	08/10/2006
Date Prepared	08/16/2006	08/16/2006	08/16/2006
Preparation Method	5030B	5030B	5030B
Date Analyzed	08/16/2006	08/16/2006	08/16/2006
Matrix	Soil	Soil	Soil
Units	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			
Analytes	PQL	Results	Results
TPH GROs (C6 to C10)	0.5	ND	ND

Our Lab I.D.	% Rec.Limit	% Rec.	% Rec.	% Rec.
Surrogates			177164	177165
Surrogate Percent Recovery				
Bromofluorobenzene	70-120	110	96	104

QUALITY CONTROL REPORT

QC Batch No: 081606-1

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	99	98	1.0	75-120	<20
Toluene	99	98	1.0	75-120	<20



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ELECTRONIC REPORT: EDF EDD ASL JOB #

Page 1 of 1
8/15/06

COC# N9 34680 GLOBAL ID
Company: EIS
Address: 15466 Los Gatos Blvd, Ste 109-062, Los Gatos, CA 95032
Project Name: 56 Atkinson Ln.
Site Address: 56 Atkinson Ln, Watsonville, CA
Telephone: 408-395-7674
Fax: 408-395-7674
Special Instruction: 1-day rush
Project Manager: Peter Lirtman
P.O.#: 661-2
Invoice to: EIS
Address: EIS

LAB USE ONLY	SAMPLE DESCRIPTION	Date	Time	#	Type	Container(s)	Matrix	Preservation	Remarks
T	B-5, 3"-6"	8/10/06	14:16	1	brak		soil	ICE	X
E	B-7, 15"-18"	8/10/06	15:41	1	brak		soil	ICE	X
M									

Collected By: *Peter Lirtman* Date: *8/10/06* Time: *18:16*
Reinquired By: *Sample Maint* Date: *8/10/06* Time: *18:19*
Condition of Sample:
White Report Yellow Laboratory Pink Client

CHAINS OF CUSTODY



Address Search	
<small>Leaving a field blank matches any entry for that field. You may also use wildcards (*)</small>	
<small>No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.</small>	
Business Name:	
Street Number: *56*	
Street Name: *ATKINSON LANE*	
City:	
County:	
Global ID:	
<input type="radio"/> Search for All Sites	
<input type="radio"/> Search for LUFT Sites	
<input type="radio"/> Search for SLIC Sites	
<input type="radio"/> Search for Land Disposal Sites	
<input type="radio"/> Search for DOD (Non-UST) Sites	
<input type="radio"/> Search for Wells	
<input type="radio"/> Search for UST Sites	
<input type="button" value="Search Records"/>	



Address Search	
<small>Leaving a field blank matches any entry for that field. You may also use wildcards (*)</small>	
<small>No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.</small>	
Business Name:	
Street Number: *127*	
Street Name: *ATKINSON LANE*	
City:	
County:	
Global ID:	
<input type="radio"/> Search for All Sites	
<input type="radio"/> Search for LUFT Sites	
<input type="radio"/> Search for SLIC Sites	
<input type="radio"/> Search for Land Disposal Sites	
<input type="radio"/> Search for DOD (Non-UST) Sites	
<input type="radio"/> Search for Wells	
<input type="radio"/> Search for UST Sites	
<input type="button" value="Search Records"/>	



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.
Business Name: Street Number: *127* Street Name: *ATKINSON LANE* City: *WATSONVILLE* County: Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.
Business Name: Street Number: *127* Street Name: *ATKINSON LANE* City: County: *SANTA CRUZ* Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search
Leaving a field blank matches any entry for that field.
 You may also use wildcards (*).

No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.

Business Name:

Street Number: *56*

Street Name: *ATKINSON LANE*

City:

County: *SANTA CRUZ*

Global ID:

- Search for All Sites
- Search for LUFT Sites
- Search for SLIC Sites
- Search for Land Disposal Sites
- Search for DOD (Non-UST) Sites
- Search for Wells
- Search for UST Sites



Address Search
Leaving a field blank matches any entry for that field.
 You may also use wildcards (*).

No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.

Business Name:

Street Number: *56*

Street Name: *ATKINSON LANE*

City: *WATSONVILLE*

County:

Global ID:

- Search for All Sites
- Search for LUFT Sites
- Search for SLIC Sites
- Search for Land Disposal Sites
- Search for DOD (Non-UST) Sites
- Search for Wells
- Search for UST Sites



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.
Business Name: Street Number: *56* Street Name: *ATKINSON LANE* City: *WATSONVILLE* County: *SANTA CRUZ* Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.
Business Name: Street Number: Street Name: *ATKINSON LANE* City: *WATSONVILLE* County: *SANTA CRUZ* Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.
Business Name: Street Number: Street Name: *ATKINSON LANE* City: *WATSONVILLE* County: Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.
Business Name: Street Number: Street Name: *ATKINSON LANE* City: County: *SANTA CRUZ* Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
<small>No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.</small>
Business Name: Street Number: Street Name: *ATKINSON LN* City: *WATSONVILLE* County: *SANTA CRUZ* Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search <small>Leaving a field blank matches any entry for that field. You may also use wildcards (*).</small>
<small>No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.</small>
Business Name: Street Number: Street Name: *ATKINSON LN* City: *WATSONVILLE* County: Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



Address Search	
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No results were found with the specified search parameters. Try using the suggested wildcards (*) below to broaden your search.	
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<input type="radio"/>	Search for All Sites
<input type="radio"/>	Search for LUFT Sites
<input type="radio"/>	Search for SLIC Sites
<input type="radio"/>	Search for Land Disposal Sites
<input type="radio"/>	Search for DOD (Non-UST) Sites
<input type="radio"/>	Search for Wells
<input type="radio"/>	Search for UST Sites
<input type="button" value="Search Records"/>	



Address Search	
Leaving a field blank matches any entry for that field. You may also use wildcards (*).	
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Business Name:	
Street Number:	
Street Name:	*ATKINSON*
City:	*WATSONVILLE*
County:	*SANTA CRUZ*
Global ID:	
<input type="radio"/>	Search for All Sites
<input type="radio"/>	Search for LUFT Sites
<input type="radio"/>	Search for SLIC Sites
<input type="radio"/>	Search for Land Disposal Sites
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<input type="radio"/>	Search for Wells
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<input type="button" value="Search Records"/>	



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Business Name: Street Number: Street Name: *ATKINSON* City: *WATSONVILLE* County: Global ID: <input type="radio"/> Search for All Sites <input type="radio"/> Search for LUFT Sites <input type="radio"/> Search for SLIC Sites <input type="radio"/> Search for Land Disposal Sites <input type="radio"/> Search for DOD (Non-UST) Sites <input type="radio"/> Search for Wells <input type="radio"/> Search for UST Sites <input type="button" value="Search Records"/>



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Appendix C Qualifications

Qualifications

QUALIFICATIONS AND EXPERIENCE

RBF Consulting, established in 1944, has over 60 years of experience in providing comprehensive land development services. Some, but not all of the services RBF Consulting provides includes:

- Construction Management
- Entitlement/Governmental Processing
- Environmental Services (CEQA/NEPA documents, permitting)
- Feasibility Studies/Due Diligence Reports
- Infrastructure Planning and Design (circulation, water, wastewater, flood control, dry utilities)
- Land Planning (Site Plans, Landscape Architecture, Specific Plans, Master Plans)
- Media Services (video, newsletters, presentation/marketing materials)
- **Phase I Environmental Site Assessments**
- Site Engineering (Grading, Structures)
- Surveying, Mapping and Aerial Photogrammetry
- Regulatory Services (Delineations and permit processing)

Focus on: **Phase I Environmental Site Assessments (ESAs).** Phase I ESAs prepared by RBF Consulting reflect the most current interpretations of industry standards, which are the American Society for Testing & Materials (ASTM) standards for commercial real estate transactions (E1527-05 and E1528-06). The comprehensive in-house capabilities and professional experience in completing a wide range of projects allows RBF to effectively and efficiently complete Phase I Environmental Site Assessments for any type of property.

RBF REPRESENTATIVE PROJECTS

RBF Consulting's staff is uniquely qualified to effectively manage complex projects. RBF Consulting has prepared Phase I ESAs on vacant, residential, agricultural, commercial, industrial and federal properties, for a wide range of clients. Our clients include, but are not limited to, the following:

- Avanti Investment Advisors (multiple sites)
- Bardeen Investment Company
- California Department of Transportation (multiple sites)
- City of Bell Gardens (multiple sites)
- City of Lake Elsinore
- City of Long Beach (multiple sites)
- City of Lynwood (multiple sites)
- City of Murrieta (multiple sites)
- City of Palm Desert
- City of Rancho Mirage
- City of Temecula
- City of Watsonville
- Community Southwest
- Kemper Real Estate
- Kredit Toronto Corporation (multiple sites)
- Lear Enterprises (multiple sites)
- Midland Properties (multiple sites)

KEY PERSONNEL

Projects are overseen by Mr. Bruce R. Grove, Jr., Registered Environmental Assessor/Certified Environmental Inspector (REA/CEI), which shall provide the quality assurance/quality control oversight of each Phase I ESA prepared. Document research and preparation will be provided by Mr. Richard Beck, Ms. Stephanie Melton, Ms. Kristen Bogue, and Mr. Wesley Salter.

Richard Beck, REA #08065

Project Manager, Environmental Services

Mr. Beck assists in the preparation of environmental and planning studies for public and private sector clients. As the Regulatory Manager at RBF, Mr. Beck has been involved with 404/401/1600 permit processing, wetland delineation, field studies, permitting in accordance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA), and Phase I ESAs. In the past four (4) years Mr. Beck has personally evaluated over 200 real properties in California.

Stephanie Melton, REA #08306

Environmental Services

Ms. Melton manages and helps prepare environmental and planning studies for public and private sector clients, in accordance with the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). Additionally, Ms. Melton is responsible for preparation of Phase I Environmental Site Assessments and Initial Site Assessments for the California Department of Transportation (Caltrans), and Environmental Baseline Surveys (EBSs) for the U.S. Department of the Navy. She is also experienced with regulatory permit processing pursuant to Sections 401 and 404 of the Clean Water Act (CWA) and Section 1600 of the California Fish and Game Code.

Kristen Bogue, CEI #9924

Environmental Services

Ms. Bogue assists in the preparation of environmental and planning studies for public and private sector clients. As an Environmental Analyst at RBF, Ms. Bogue is involved with Phase I ESAs, Preliminary Hazardous Materials Assessments, Visual Impact Assessments (VIAs), field studies, as well as various technical studies in support of CEQA and NEPA.

Wesley Salter

Environmental Services

Mr. Salter assists in the preparation of environmental and planning studies for public and private sector clients. As an Environmental Analyst at RBF, Mr. Salter is involved with 404/401/1600 permit processing, wetland delineations, field studies, Phase I ESAs, and permitting in accordance with CEQA and NEPA.

APPENDIX G
HYDROLOGY AND WATER QUALITY

RBF Consulting. Atkinson Lane Specific Plan - Stormwater Constraints and Opportunities. March 2008.

RBF Consulting. Drainage Analysis. October 2008.

APPENDIX B

MEMORANDUM

To: City of Watsonville

JN 7010118

From: RBF Consulting

Date: March 13, 2008

Subject: Atkinson Lane Specific Plan Stormwater Constraints and Opportunities

This memorandum addresses the current storm water drainage on the Atkinson Lane project area as well as possible opportunities and constraints associated with the storm water on the project site as it relates to future development.

The project site is currently used for agricultural purposes with open space that has two wetlands/runoff-storage areas as shown in Exhibit 1.

Soil Conditions

According to the National Cooperative Soil Survey by the National Resources Conservation Service, Hydrologic soil groups A, B, C, and D are all present on the project site as shown in Exhibit 2A. The eastern and southern portions of the project area have Type A and B soils which have moderate to high infiltration rates. The western and northern portions of the project area have Type C and D soils which have slow to very slow infiltration rates with high runoff potential (see Exhibits 2A through 2D).

Existing Conditions

Drainage Areas

The project area was divided into five drainage areas as shown in Exhibit 1 for the purpose of evaluating existing conditions. The areas of the drainage areas are presented in Table 1.

APPENDIX B

Table 1. Project drainage areas.

Identification	Area (acres)
DA 1	1.7
DA 2	17.8
DA 3	34.9
DA 4	5.8
DA 5	4.2

The area directly adjacent to Corralitos Creek on the north portion of the project site drains into the Creek and does not contribute to the three drainage areas. Additionally, area on the eastern portion of the project area drains to the east and south from the drainage area.

Drainage Area 1 contains a runoff storage area that is nearly half of its total drainage area. The runoff will pond in this storage area. Because no runoff is conveyed to the drainage area from an offsite location, there is little potential for overtopping the storage area. Instead, the storage area will retain the water until it infiltrates or evaporates.

Drainage Area 2 also has a runoff storage area where ponding occurs. The offsite residential development to the north of Drainage Area 2 is tributary to Drainage Area 2. When the water surface elevation in the storage area is at 74 feet, the surface area is approximately 1.7 acres. At a water surface elevation of 78 feet, the storage area covers approximately 4.8 acres, at which level additional runoff would likely spill east and south towards Crestview Park, along the existing overland release path illustrated in Exhibit 1.

The majority of the site is in Drainage Area 3, which drains to the south towards Crestview Park. Crestview Park contains a detention basin connected to the City's stormwater conveyance system.

Drainage Area 4 drains north to Corralitos Creek and east of the project area to the adjacent agriculture fields. Drainage Area 5 drains south and east of the project area to the adjacent agriculture fields.

Existing storm drain system

Based on information obtained from City provided GIS data, runoff from approximately 23 acres of residential development just north of the project site collects in a storm drain system and discharges through a 12" pipe directly to Drainage Area 2.

A 36" storm drain pipe exists under Brewington Avenue just east of the second storage area. This storm drain pipe collects runoff from approximately 22 acres south and west of the project

APPENDIX B

area. This storm drain pipe conveys the runoff south to the Crestview Park which acts as an off-channel detention basin. At the northwest side of Crestview Park, flow exits a 42" storm drain pipe into a short section of concrete lined channel and then flows into a 18" storm drain pipe. During low-flow conditions, all of the runoff is contained in the channel and bypasses Crestview Park. During high-flow storm events, runoff spills over the channel and into the park. A 12" outlet is located on the southwest corner of the Park.

A 3-acre residential development east of Crestview Park and south of the project area also drains into the storm drain conveyance system upstream of the detention basin.

The existing storm drain system around the project area, according to GIS data from the City, is shown in Exhibit 3

Hydrology

Design precipitation is based off the County of Santa Cruz Design Criteria. The rainfall intensity for the 100-year, 60 minute duration event is approximately 1.3 inches per hour, based on page 48 of the County's Design Criteria. These can be converted to other duration and return periods based on the intensity duration curves on page 49. The resulting 24 hour depths are shown in Table 2.

Table 2. Precipitation depths based on the County of Santa Cruz Design Criteria

Return Period (years)	24-Hour Depth (in)
RP 2	3.23
RP 5	4.28
RP 10	5.04
RP 15	5.49
RP 25	6.05
RP 50	6.80
RP 100	7.56

The curve numbers that estimate the amount of runoff based on soil type and land use were taken from Urban Hydrology for Small Watersheds (TR-55) by the US Department of Agriculture, pages 2-5 through 2-8. The curve numbers of the drainage areas are presented in Table 3.

APPENDIX B

Table 3. Curve numbers for the drainage areas.

Drainage Area	CN	Percent Impervious	Description
1	79	0	Open Space, Fair Condition, Soil Type C
2	71	0	Meadow-continuous grass, Soil Type C
3	72	0	Row Crops, Straight Row, Soil Type A

Flooding Potential

The area directly adjacent to Corralitos Creek is currently designated by FEMA as a Zone AE flood zone with a 100-year water surface elevation varying from approximately 90 feet at the western edge to 85 feet near the eastern edge of the project as shown in Exhibit 4.

While the runoff storage area in Drainage Area 2 is not currently designated as a flood zone, there is still flooding risk as surface water ponds in the area. This risk can be understood in the context of expected precipitation depths. According to the Watsonville Storm Drainage Master Plan, the average yearly precipitation for the City of Watsonville is 20.7 inches, and the average annual evaporation for the region is 67.5 inches, however the most evaporation would occur during the summer months. In an average year, it is estimated that Drainage Area 2 would receive approximately 33 acre-feet of runoff, assuming 50% is lost to initial absorption and infiltration. The pond volume between 74 feet and 78 feet elevation is about 10 acre-feet. Considering expected runoff into the storage area in Drainage Area 2, overflows would be a relatively common occurrence, though overflows may not occur during dry years.

Based on precipitation data compiled by Mr. Jim Goodrich, former California State Climatologist, the most extreme year for precipitation between 1874 and 2001 was 1998 when approximate 46.26 inches of precipitation fell on the City of Watsonville. For this amount of precipitation Drainage Area 2 would receive approximately 74 acre-feet of runoff, much of which would be expected to spill over and flow towards Crestview Park.

Hydrology and Hydraulics Model

To estimate the peak flows and volumes of runoff for the design events, a model was created in the computer program xpsmm. The SCS method was used to generate hydrographs for the existing conditions. The SCS Type I rainfall distribution (see TR-55, page B-2) was scaled for each of the precipitation depths in Table 2.

The model incorporated runoff from offsite developments north of the project area that discharges to Drainage Area 2 and south and west of the project area that discharges to the storm water conveyance system at Crestview Park. These areas are shown as Offsite Areas 1, 2, and 3 in Exhibit 1.

APPENDIX B

The results of the model show that all of the runoff generated in Drainage Area 1 is retained in the storage area located in Drainage Area 1. The storage area in Drainage Area 2 spills over during the 15, 25, 50, and 100-year events. Overflow rates were calculated based on a starting water surface elevation of 74 feet and an elevation versus capacity relationship developed from the available topographic data. For the 15-year and 25-year events, the peak flow between Drainage Area 2 and Drainage Area 3 is 0.8 cfs and 2.8 cfs, while the peak flow for the 50 and 100-year events is 2.9 and 3.7 cfs respectively.

Potential impacts of site grading

Development of the project area will include site grading. This will change the existing drainage pattern, as both the drainage boundaries and the effective onsite storage will be impacted.

Altering drainage boundaries

Development of the site will potentially alter the existing drainage area boundaries. This may increase or decrease the number of drainage areas within the project area and establish new points of concentration for the storm water runoff.

It is anticipated that the runoff from existing conditions Drainage Areas 4 and 5 would be collected and drained toward the City's storm drainage system to avoid creating new outfall locations.

Altering effective onsite storage

Grading of the developed sight may potentially eliminate the storage area in Drainage Area 1 and decrease the footprint of the storage area in Drainage Area 2. The elimination of this first storage area would redirect runoff into another drainage area.

If the surface area of the storage area in Drainage Area 2 is decreased, it has the potential to increase the frequency and severity of spillage due to a decrease in storage volume, assuming the same amount of runoff is directed to the storage area. However, potential developments in the project area may alter or divert the volume of runoff directed to the storage area. The potential impacts of any diversion would need to be considered.

Potential impacts of increased impervious area

The possible land use plan contains a variety of uses including high-density residential, single family residential, estate homes, mixed-use, and park/open space as shown in Exhibit 5. The development of these areas would increase the impervious area of the project site and would have the potential to increase the peak discharge rates from the project site as well as the

APPENDIX B

volume of runoff. A summary of the resulting SCS curve numbers due to development is shown in Table 4 (see TR-55, pages 2-5 through 2-8).

Table 4. Land use and SCS curve numbers for the possible land uses.

Land Use	Area	Hydrologic Soil Group	Pervious Area CN	Percent Impervious*
Single Family Residential	17.0	B	61	38
Medium Family Residential	1.2	B	61	38
Medium Family Residential	1.1	D	84	65
High Density Residential	12.9	D	84	65
Park	12.1	B	61	0
Pond	2.9	D	84	0
Estate Homes	7.9	A	49	20
Mixed Use/PG&E	1.7	D	84	72

* CN of 98 used for impervious areas

Using the precipitation information presented previously, runoff generated by the potential land use plan was compared to the runoff generated by the existing condition in the xpswmm computer model.

Actual existing condition site runoff is impacted by volumetric storage routing through storage area 2 and Crestview Park. Future condition runoff will be impacted by changes to site grading that alters storage routing and the overall increase in runoff associated with new impervious area.

Storage routing through Crestview Park assumed that the tennis courts on the southwest corner of Crestview Park are estimated to be at an elevation of 73' due to a lack of more precise survey data. The volume of the detention basin when the water surface elevation is at 71' is approximately 4 acre-feet. When the water surface elevation of the detention basin exceeds 71', the excess runoff will spill onto the tennis courts and onto Crestview Drive and south on Brewington Avenue. For the pre-development conditions, this occurs somewhere between the 15-year and 25-year storm events. Assuming the same size detention basin for the post-development conditions, the spilling could occur for precipitation between the 2-year and the 5-year events.

In order to mitigate for increased runoff due to development, an additional 4 acre-feet would be necessary to reduce spilling to between the 15-year and 25-year event as presently occurs in the existing detention basin. In order to mitigate for development and provide enough storage for the 100-year event, 2 acre-feet more, for a total of 6 additional acre-feet of storage would be necessary.

APPENDIX B

Potential flooding concerns

As previously mentioned, the area directly adjacent to Corralitos Creek is currently designated by FEMA as a Zone AE flood zone. No changes to the flood zone are proposed.

As described previously, the wetlands area in Drainage Area 2 has the potential for flooding both the area below the maximum water surface elevation and the area adjacent to it that receives the overflow when the maximum water surface elevation is exceeded. Addition of impervious area that drains directly to the storage area may increase the flooding potential. However, redirecting the offsite drainage away from the storage area may decrease the flooding potential, but would need to be mitigated. Also, as development occurs between the storage area and Crestview Park, the existing overland release path may be altered or removed which may increase the flood risk.

As land use plans are evaluated, the flooding risk of the storage area in Drainage Area 2 will also need to be evaluated carefully in order to account for the risk of spillage or flooding.

Potential water quality impacts

Development of the project site has the potential to contribute to the pollutants that enter the storm water conveyance system. "All developments are required to incorporate a Structural or Treatment Control BMP or combination of BMPs best suited to reducing the pollutant loadings in storm water runoff to the Maximum Extent Practicable (see Watsonville Storm Water Land Development Standards, Section 2)."

Potential Mitigation Measures

The City's Storm Water Land Development Standards require that "No development of 1 acre or larger shall cause higher rates of storm water runoff than those that existed prior to the project (Section 1)." Because development has the potential to increase storm water runoff rates, steps must be taken to mitigate the increased rates as well as address the risk of flooding.

Mitigation for Impacts to Surface Water Flooding

Because the storage area in Drainage Area 2 has the potential for spilling and flooding, the impacts of surface water flooding would need to be mitigated. A passive regulation system could be developed that allows the wetlands area to drain to a detention area downstream when there is volume available in the downstream detention area. This could be accomplished with gates and/or valves and sensors to maintain a more constant water surface elevation in the

APPENDIX B

storage area. This would increase the usefulness of the storage area as a detention area, but also decrease the risk of spillage.

In case of failure of the system or extreme events, an **overland release path would need to be developed to mitigate the impacts of flooding from overflows of the wetlands area. This could be accomplished by grading the streets to allow excess flow to be detained or routed to other areas, or creating a channel to collect and convey flows.**

Mitigation for Impacts to Downstream Discharges

To mitigate the impacts of development of the project site, **Crestview Park could be expanded north, onto the project site, to increase the volume of runoff that it could capture.**

Also, the presence of Hydrologic Soil Groups A and B in the project area may have the potential to **allow infiltration vaults or trenches to be used to decrease the discharge of runoff** downstream. The areas of Type A and B soil would need to be studied by a geotechnical engineer to confirm infiltration rates and the suitability of such areas for storm water infiltration vaults or trenches.

Mitigation for Impacts to Water Quality

The City's Storm Water Land Development Standards list several required items that are to be implemented during the design and entitlement process that mitigate for impacts on both water quality and increase in downstream discharge rates:

- **Concentrate or cluster development on portions of a site while leaving the remaining land in a natural undisturbed condition.**
- **Limit clearing and grading of native vegetation at a site to the minimum amount needed to build lots, allow access, and provide fire protection.**
- **Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native plants.**
- Promote natural vegetation by using parking lot islands and other landscaped areas.
- **Preserve riparian areas and wetlands when present on site (a 50-foot setback from the edge of wetland and riparian areas is required).**
- Convey runoff safely from the tops of slopes and stabilize disturbed slopes (see City Erosion Control Standards for more information)
- **Utilize natural drainage systems to the Maximum Extent Practicable**
- Stabilize permanent channel crossings
- Vegetate slopes with native species appropriate for the surrounding habitat.
- Install energy dissipaters, such as riprap, at the outlets of new storm drains, culverts, conduits, or channels that enter unlined channels in accordance with applicable

APPENDIX B

specifications to minimize erosion, with the approval of all agencies with jurisdiction, e.g., the U.S. Army Corps of Engineers and the California Department of Fish and Game (Sections 3 and 4)

Additionally, Crestview Park can be used to help meet the City's BMP requirements. The current function of the Park as an off-channel detention basin can be altered slightly to allow the upstream runoff to pass through a biofilter such as a vegetated swale or strip in the detention basin before being channeled back into the City's stormwater conveyance system. Most of the park area could be retained as a recreation area, while the portion dedicated to the biofilter would be affected during frequent precipitation events.

According to the City's Storm Water Land Development Standards, volumetric-based storm water quality BMPs, such as biofilters, are based on the Directly Connected Impervious Area (DCIA) in the developed area. Based on the possible land uses, the percentage of DCIA would be less than 50%. The required storage volume for 50% DCIA would be about 2 acre-feet. For less than 50% DCIA, the required storage volume would decrease by about 0.25 acre-feet for every 10% reduction in DCIA.

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Appendix

Exhibit 1: Existing Drainage Areas

Exhibit 2: Soil Survey

Exhibit 3: Existing Storm Drain System

Exhibit 4: FEMA FIRMette

Exhibit 5: Post-Development Possible Land Uses

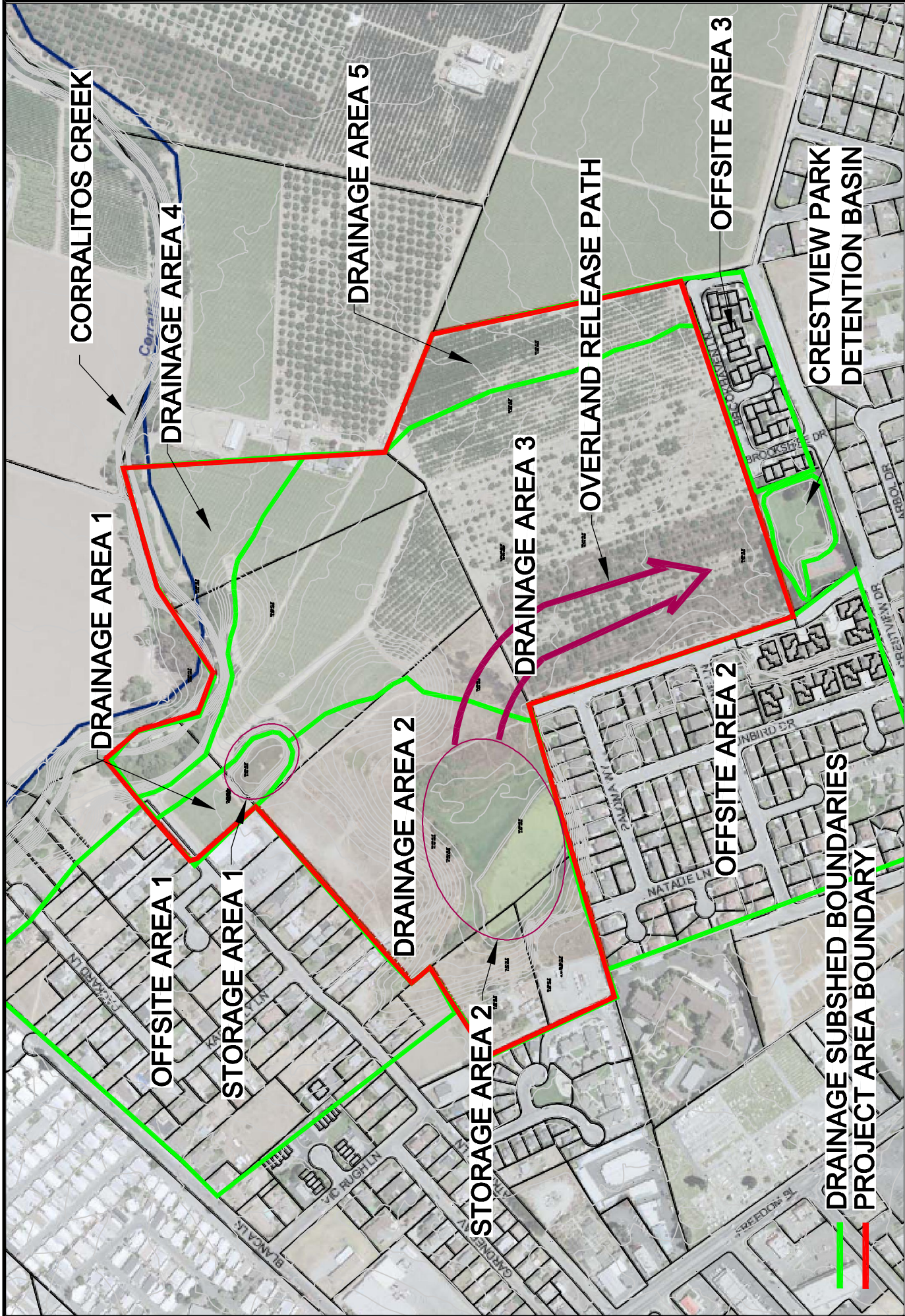


EXHIBIT 1

EXISTING CONDITIONS DRAINAGE AREAS



PLANNING ■ DESIGN ■ CONSTRUCTION

207 ARENA BOULEVARD, SUITE 250
 SACRAMENTO, CALIFORNIA 95834-2006
 916.221.1115 • FAX 916.221.1177 • WWW.RBF.COM

Exhibit 2A





















Hydrologic Soil Group—Santa Cruz County, California
(Atkinson Lane Project Area)



Exhibit 2B

Hydrologic Soil Group—Santa Cruz County, California
(Atkinson Lane Project Area)

MAP LEGEND

- Area of Interest (AOI)**
 - Area of Interest (AOI) 
- Soils**
 - Soil Map Units 
- Soil Ratings**
 - A 
 - A/D 
 - B 
 - B/D 
 - C 
 - C/D 
 - D 
 - Not rated or not available 
- Political Features**
 - Municipalities**
 - Cities 
 - Urban Areas 
- Water Features**
 - Oceans 
 - Streams and Canals 
- Transportation**
 - Rails 
- Roads**
 - Interstate Highways 
 - US Routes 
 - State Highways 
- Local Roads** 
- Other Roads** 

MAP INFORMATION

Original soil survey map sheets were prepared at publication scale. Viewing scale and printing scale, however, may vary from the original. Please rely on the bar scale on each map sheet for proper map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 10N

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Santa Cruz County, California
Survey Area Data: Version 5, Dec 12, 2007

Date(s) aerial images were photographed: 6/12/1993; 8/27/1993

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Exhibit 2C

Hydrologic Soil Group

Hydrologic Soil Group— Summary by Map Unit — Santa Cruz County, California				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
104	Baywood loamy sand, 0 to 2 percent slopes	A	17.0	26.7%
129	Elder sandy loam, 0 to 2 percent slopes	B	24.8	38.9%
162	Pinto loam, 2 to 9 percent slopes	C	6.9	10.8%
177	Watsonville loam, 2 to 15 percent slopes	D	13.4	21.0%
185	Water		1.7	2.7%
Totals for Area of Interest (AOI)			63.7	100.0%

Exhibit 2D

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

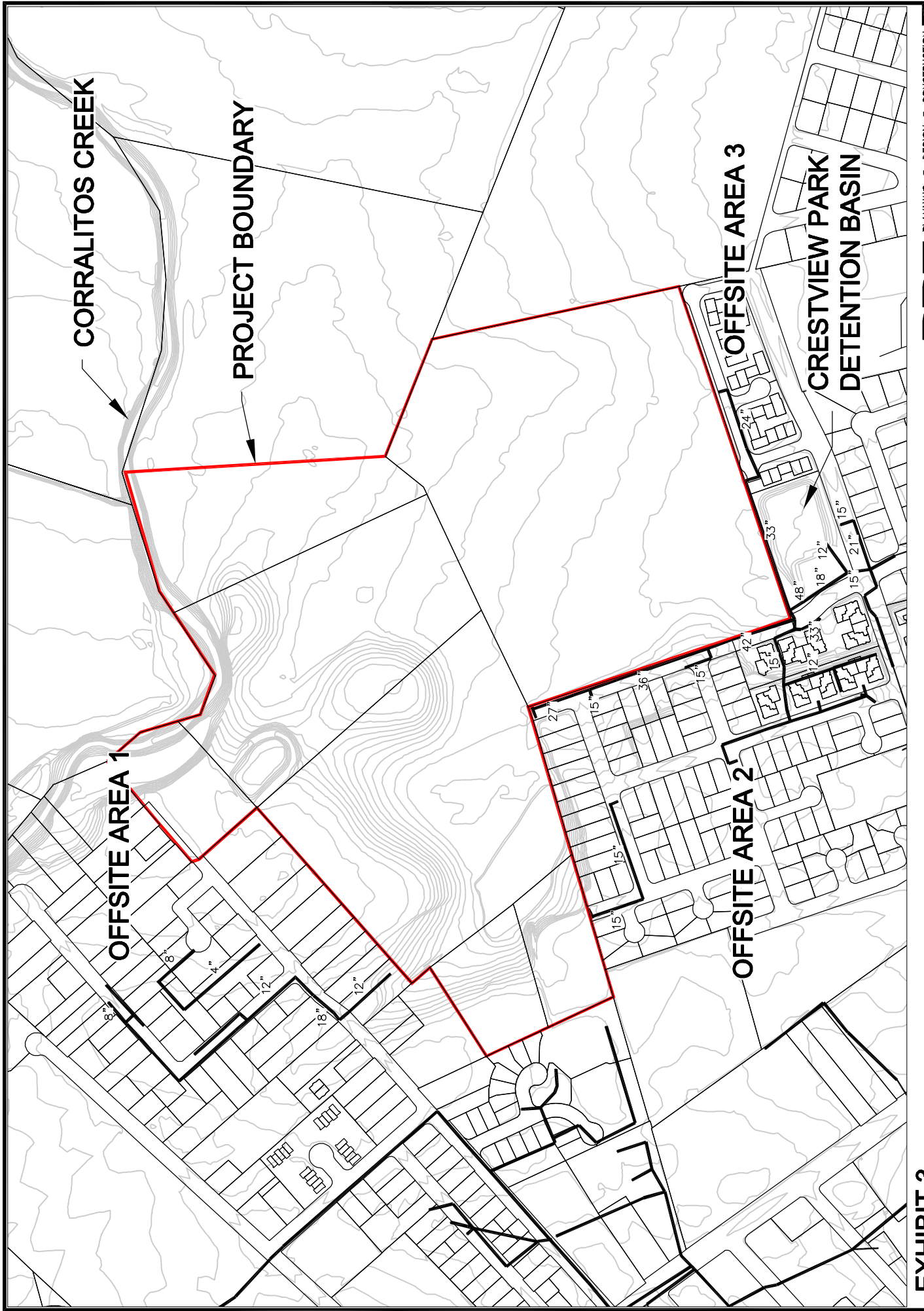
If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

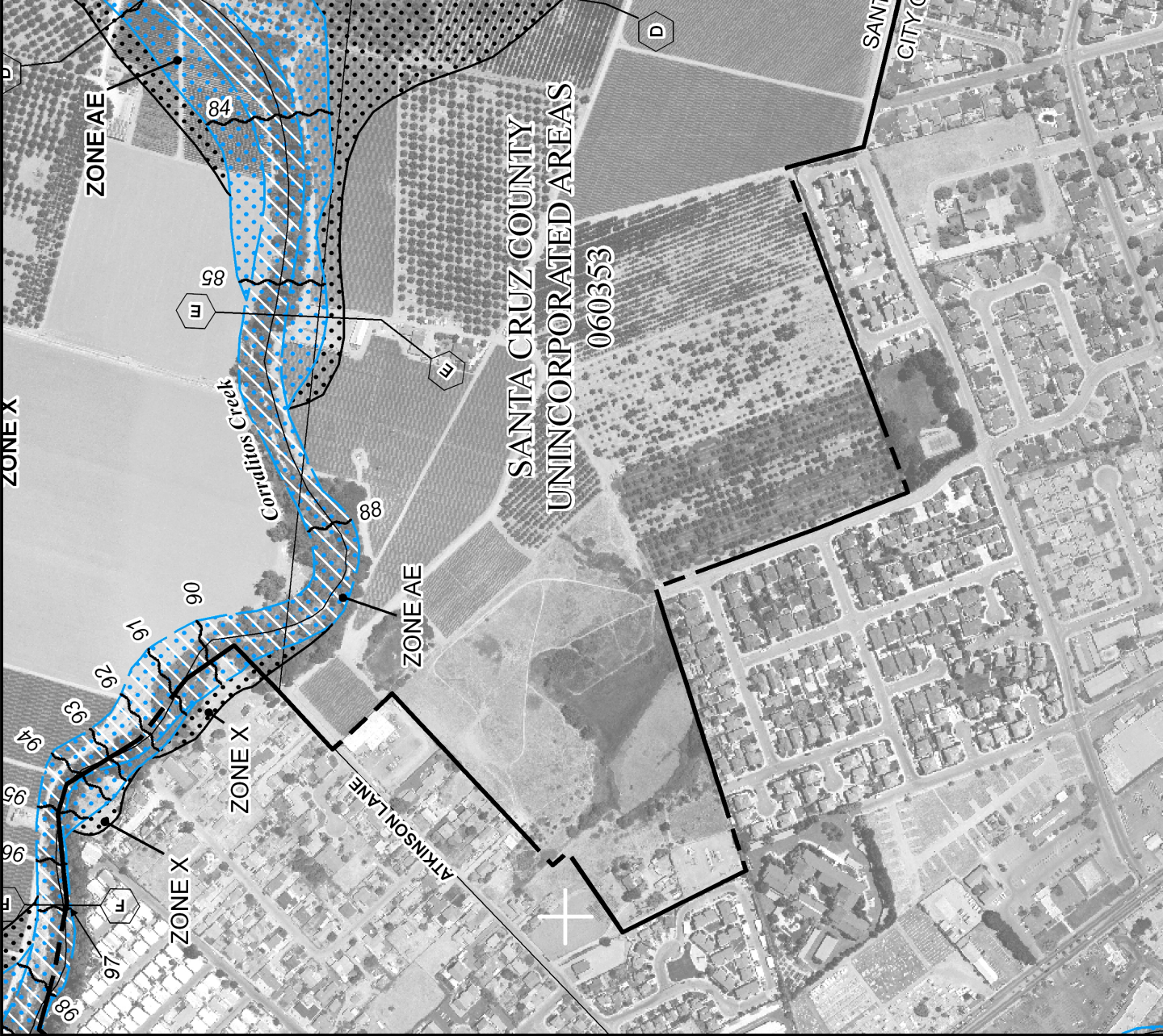
Tie-break Rule: Lower



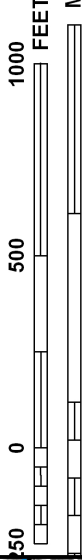
**EXHIBIT 3
EXISTING STORM DRAIN SYSTEM**



PLANNING ■ DESIGN ■ CONSTRUCTION
 201 ARENA BOULEVARD, SUITE 250
 SACRAMENTO, CALIFORNIA 95834-2003
 916.928.1183 • FAX 916.928.1177 • WWW.RBF.COM



MAP SCALE 1" = 500'



NFIP NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0392D

FIRM
FLOOD INSURANCE RATE MAP
 SANTA CRUZ COUNTY,
 CALIFORNIA
 AND INCORPORATED AREAS

PANEL 392 OF 470

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA CRUZ COUNTY	060353	0392	D
WATSONVILLE, CITY OF	060357	0392	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

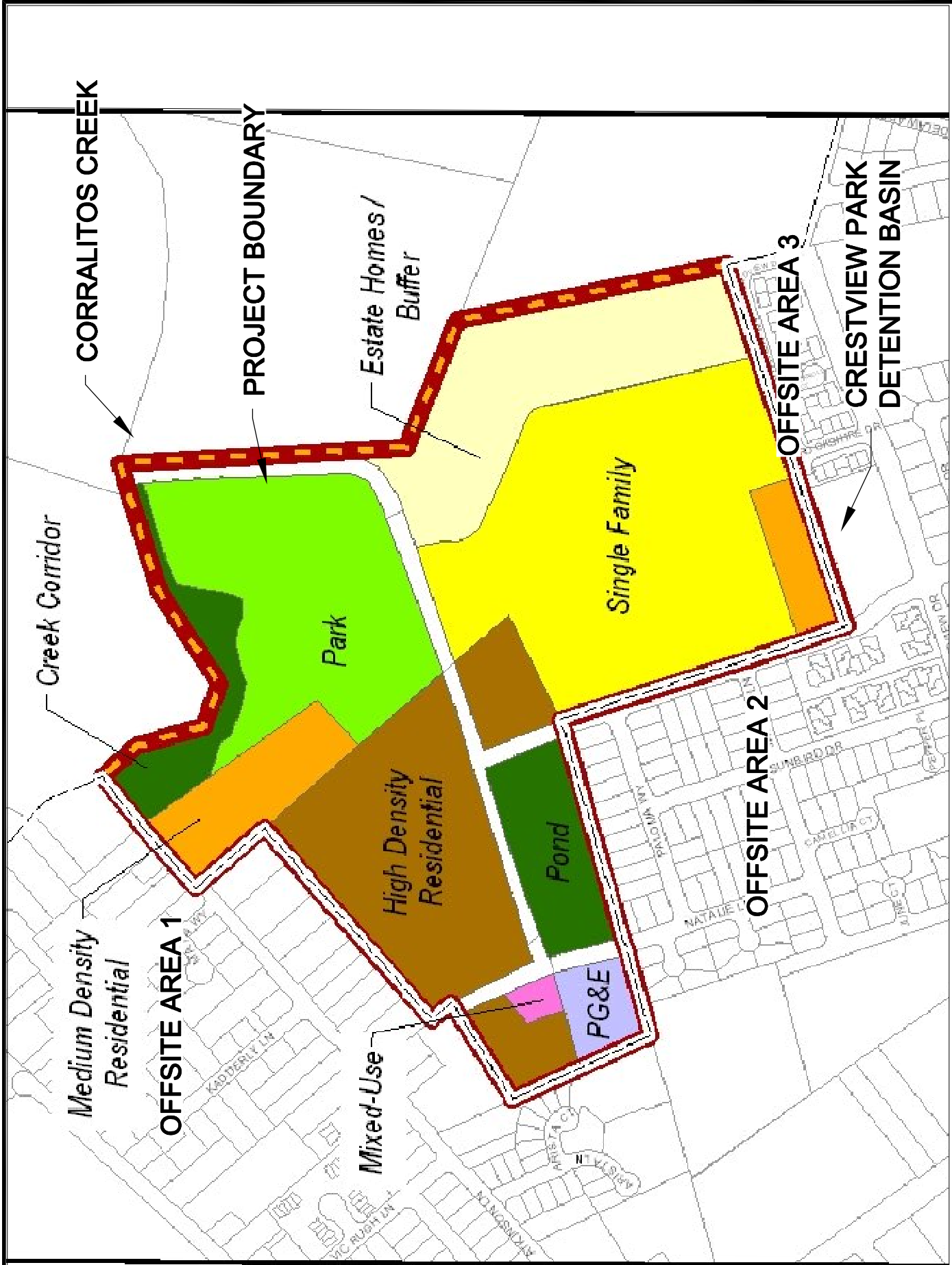


MAP NUMBER
06087C0392D

EFFECTIVE DATE
MARCH 2, 2006

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Map Store at www.msc.fema.gov



**EXHIBIT 5
POSSIBLE LAND USES AND DRAINAGE AREAS**



PLANNING ■ DESIGN ■ CONSTRUCTION
 201 AREVA BOULEVARD, SUITE 200
 SACRAMENTO, CALIFORNIA 95834-2800
 916.928.1183 • FAX 916.928.1117 • www.RBF.com

MEMORANDUM

To: Elizabeth Caraker, MS 1600

JN 7010118

From: Jeffery Crump and Harvey Oslick, MS 1300

Date: October 20, 2008

Subject: Revision to Atkinson Lane Specific Plan Stormwater Constraints and Opportunities

This memorandum addresses the storm water impacts of the proposed Phase 1 development and ultimate build out of the Atkinson Lane Specific Plan, as well as the preliminary mitigation measures, backbone infrastructure, and includes planning level opinions of probable cost.

The existing drainage patterns and site hydrology are presented in the March 13, 2008 RBF memorandum.

Phase 1 Impact

The proposed Phase 1 development includes Sites A1 and A2 as illustrated on the attached Pyatok Architects' exhibit dated 8/8/08. Phase 1 would add approximately 3 impervious acres that drain to the wetland. This would be expected to cause more frequent and higher runoff from the site if not adequately mitigated.

Phase 1 Mitigation

The proposed general approach to mitigating potential impacts from Phase 1 is to connect the wetlands area to a new detention basin. The proposed system would control overflows from the existing wetlands area and provide a location where increased runoff could percolate and be detained. A 0.7 acre-foot detention basin with a surface area of approximately 0.2 acres could be used to mitigate the impacts of the additional impervious area. The detention basin could be located east of the extension of Brewington Avenue on the southeast corner of the Phase 1 boundary in the interim agriculture buffer. The soil is classified as sandy loam, and has an estimated infiltration rate of 1 inch/hour based on Table B-3 of the Caltrans Storm Water Quality Handbook. It is recommended that on-site infiltration testing be performed to verify the infiltration rate at the same elevation as the bottom of the detention basin as part of the design process. A 1.5 feet wide spillway would allow overflow from the proposed detention basin to spill onto the historic drainage path to the south. Appropriate erosion control measures would need to be included.

The water surface elevation of the wetlands could be controlled with a weir outlet structure that would capture and convey the overflow under Brewington Avenue through a culvert into the proposed detention basin.

A hydrologic and hydraulic analysis of the existing and Phase 1 conditions was performed to determine the detention volume required for mitigation. For this analysis, the outlet weir height for the wetlands was assumed to be at 77.75 feet, the same elevation as had been assumed as the existing condition spill elevation. The actual existing spill elevation should be evaluated using detailed topographic information as part of the design process to determine an appropriate final design configuration. Table 1 presents the peak spill rates from the pond and the peak level of water in Crestview Park for existing and mitigated Phase 1 conditions.

Table 1. Summary of peak spill rate from wetlands and peak water surface elevation in Crestview Park detention basin for existing and mitigated Phase 1 condition assuming a starting elevation in the wetlands of 74 feet.

Return Period	Existing Conditions		Phase 1 Conditions	
	Peak Spill Rate to Crestview Park (cfs)	Peak Level in Crestview (feet)	Peak Spill Rate to Crestview Park (cfs)	Peak Level in Crestview (feet)
RP 2	0	67.7	0	67.7
RP 5	0	69.0	0	69.0
RP 10	0.2	70.1	0	70.0
RP 15	2.4	70.7	0	70.6
RP 25	2.9	71.2	0	71.1
RP 50	3.0	71.3	0.8	71.3
RP 100	3.1	71.4	3.0	71.4

For return periods 2-25, the volume spilled from the wetlands would be retained in the detention basin and infiltrated into the native soil. The analysis assumed that the detention basin started empty and the wetlands started at a water surface elevation of 74 feet, 3.75 feet below the weir height, which corresponds to the elevation as shown on aerial photos. In wet years, the water surface elevation may not recede quickly enough to recover the storage volume in the wetland. Another analysis was performed assuming a starting elevation of 77 feet in the wetlands. Table 2 shows the results, assuming a starting elevation of 77 feet in the wetlands.

Table 2. Summary of peak spill rate from wetlands and peak water surface elevation in Crestview Park detention basin for existing and mitigated Phase 1 condition assuming a starting elevation in the wetlands of 77 feet.

Return Period	Existing Conditions		Phase 1 Conditions	
	Peak Spill Rate to Crestview Park (cfs)	Peak Level in Crestview (feet)	Peak Spill Rate to Crestview Park (cfs)	Peak Level in Crestview (feet)
RP 2	1.9	67.7	0.0	67.7
RP 5	4.7	69.0	0.3	69.0
RP 10	8.0	71.1	2.0	70.0
RP 15	10.5	71.2	3.2	70.6
RP 25	14.4	71.3	4.4	71.1
RP 50	24.0	71.4	5.6	71.3
RP 100	37.4	72.0	6.7	71.4

As part of the design process, the culvert connecting the wetlands to the temporary detention basin should be designed to reduce the potential for flooding of existing and future developments by passing the 100-year peak spill rate and controlling the surcharge elevation in the wetlands.

Another mitigation requirement is to treat storm water runoff with a water quality treatment feature. To estimate storm water quality flow rates, the uniform rainfall intensity approach was used as described in the California Stormwater Quality Association Stormwater Best Management Practices Handbook (CASQA BMP Handbook) with a uniform rainfall intensity of 0.2 inches per hour. The total flow that would need to be treated from Site A1 is 0.3 cfs and from Site A2 is 0.1 cfs.

The proposed approach to treat the storm water is to discharge runoff from impervious areas into water quality swales that are located in a proposed riparian buffer adjacent to the existing wetlands. The flow from Site A1 could fit in a swale with 6 foot bottom width at the maximum water quality treatment depth of 4 inches with a 1% slope and 80 feet in length for 10 minutes of residence time. The flow from Site A2 can fit in a swale that has a bottom width of 2 feet with a depth of 4 inches and a 1% slope and 70 feet in length for 10 minutes of residence time. Separating the flows and discharging them at various locations along the swale can decrease the required width. To increase the effectiveness of the swales as a water quality treatment feature, check dams may be placed at 50 foot intervals along the length of the swales to increase retention time in the swale, decrease velocities, and promote particulate settling

(CASQA BMP Handbook, TC-30). The 50' buffer with a swale should be sufficient to meet water quality treatment requirements.

It is not anticipated that the site will need to meet hydromodification management requirements because it historically discharges to the detention basin and connected to a storm drain not directly into a stream.

Phase 1 Storm Drain Costs:

The estimated costs for the temporary detention basin, backbone storm drain system, and storm water quality treatment swales are included in the Appendix of this memorandum.

Ultimate Build-out Impacts

The ultimate build out for the specific plan will add an additional 21 impervious acres that will drain to Crestview Park as shown in the Land Use Plan in the Appendix. Alternative 1 of the Land Use Plan, also in the Appendix, would decrease the additional impervious by about 2 acres to 19 acres. To be conservative, 21 impervious acres were assumed to determine the impacts of development and the preliminary mitigation measures.

Currently, the storm water runoff flows overland to the Crestview Park detention basin. The park has about 4 acre-feet of detention volume. The detention basin fills the volume and spills over during a storm event between the 10-year and 15-year events. Without mitigating the increase in runoff due to the added impervious area, the detention basin is likely to spill more frequently and at higher rates. The wetlands have about 4 acre-feet of storage between the assumed starting elevation of 74 feet and the spill elevation of 77.25 feet.

Ultimate Build-out Mitigation

Based on the Land Use Plan, the ultimate build-out would increase the impervious area draining to the wetlands by about 4 acres. The water surface elevation in the wetlands would continue to be controlled by a weir structure. The Phase 1 detention basin may be removed, so the wetlands would need to be connected to an expanded Crestview Park by a storm drain pipe.

A hydrologic and hydraulic analysis was used to determine the detention volume required to mitigate for development. The analysis assumed that the wetlands started with a water surface elevation of 74 feet and a spill elevation of 77.25 feet. Crestview Park was assumed to be empty. The conveyance from the wetlands to Crestview Park can be conservatively sized based on the wetlands starting near the spill crest.

In order to mitigate the increased runoff from the entire proposed development, about 3 acre-feet of storage would be required to reduce spilling to between the 15-year and 25-year event slightly less frequently than as presently occurs in the existing detention basin. In order to provide sufficient storage to contain the 100-year event, an additional 2 acre-feet of storage would be required for a total of 5 acre-feet. This assumes that storage in the wetlands above 74 feet would be used.

Before discharging into the City's storm drain system, storm water runoff must be treated. Storm water quality treatment for ultimate build-out may be achieved by creating swales in Crestview Park. Currently, low flows are bypassed and enter the storm drain system without discharging into the park. The low flows can be rerouted through parallel drainage swales for water quality treatment. The estimated water quality flow rate using the uniform intensity method is about 3.5 cfs. This would require about 10,000 square feet of drainage swales to treat it.

Ultimate Build-out Storm Drain Costs

The cost estimate for the ultimate build-out storm drain improvements, including the extension of Crestview Park to mitigate the increased runoff due to development are included in the Appendix.

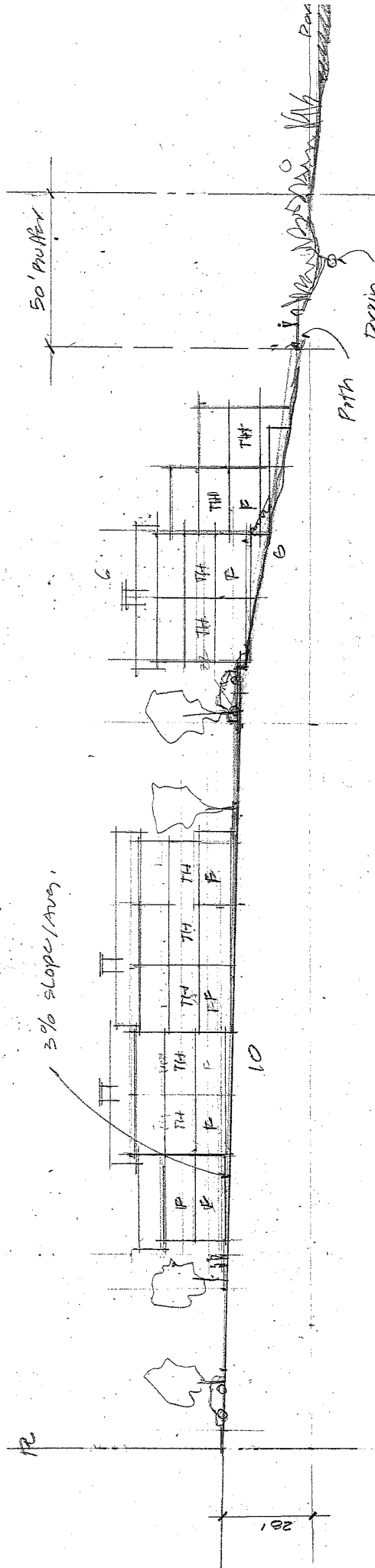
Appendix

Pyatok Architects Exhibit dated 8/8/08

Preliminary Cost Estimate Storm Water Cost Estimate

Land Use Plan from the Atkinson Lane Specific Plan/Master Plan

Land Use Plan-Alternative 1 from the Atkinson Lane Specific Plan/Master Plan



Section A - Affordable Housing

Atkinson Lane
 Canterbury Lane 9/08/08

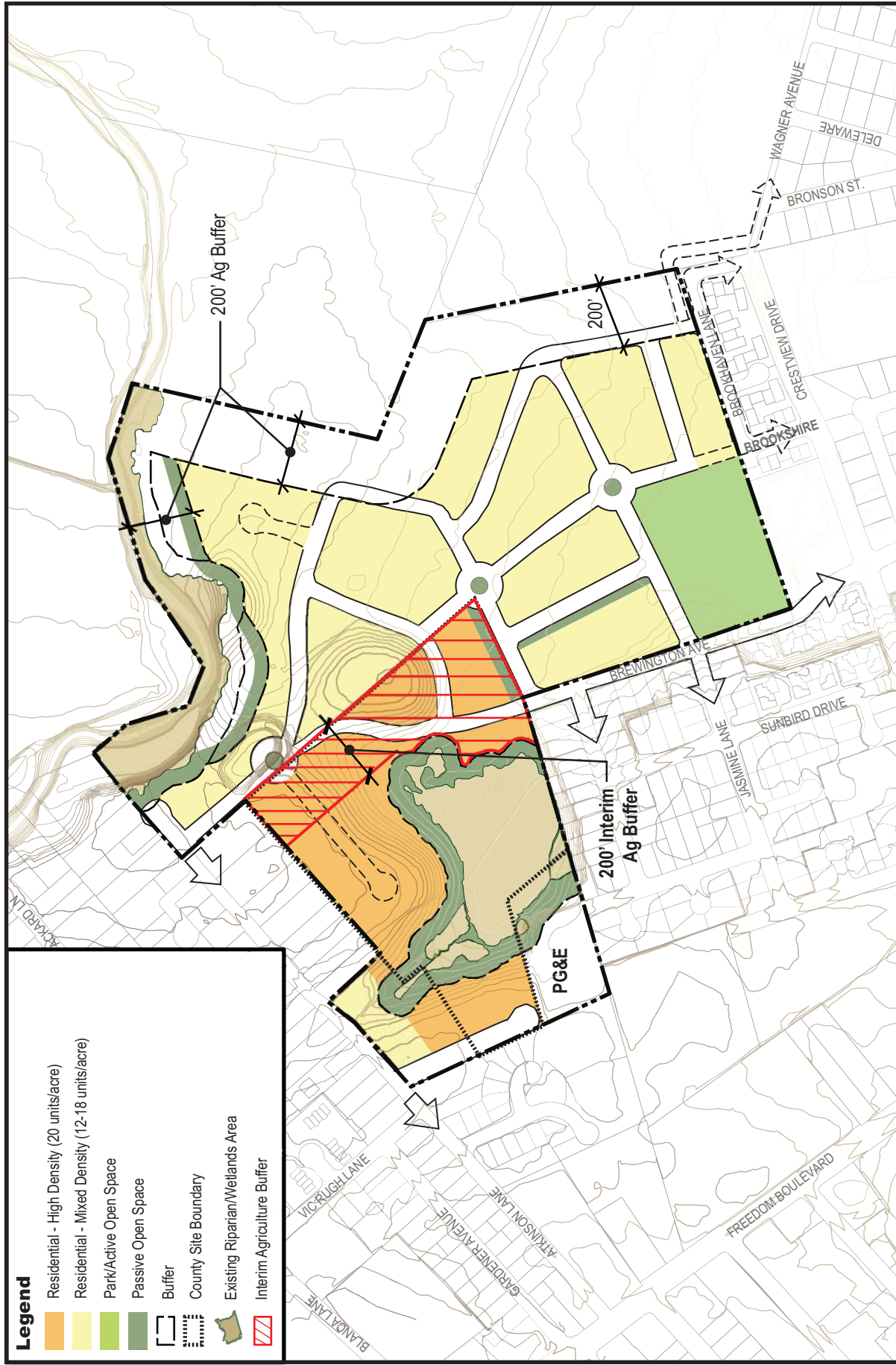
Pyatok Architects, Inc.
 architecture planning research

**Preliminary Storm Water Cost Estimate
Atkinson Lane Specific Plan
Watsonville, CA
October 20, 2008**

Phase 1 Improvements					
TEMPORARY DETENTION BASIN					
Item No.	Description	Quantity	Unit	Unit Price	Cost
1	Earthwork ¹	1,500	CY	\$10.00	\$15,000.00
2	Rip-Rap	20	TON	\$45.00	\$900.00
3	Install Weir vault overflow from wetlands	1	EA	\$10,000.00	\$10,000.00
4	Install 30" RCP Pipe, Class III Culvert	150	LF	\$105.00	\$15,750.00
5	Intall Weir Overflow in Detention Basin	1	EA	\$12,000.00	\$12,000.00
TOTAL DRAINAGE IMPROVEMENTS (Items 1-5):					\$53,650.00
BACKBONE STORM DRAIN SYSTEM					
6	Install Curb Inlet	20	EA	\$2,500.00	\$50,000.00
7	Install Manhole	10	EA	\$4,500.00	\$45,000.00
8	Install 15" RCP Pipe, Class III	150	LF	\$70.00	\$10,500.00
9	Install 18" RCP Pipe, Class III	150	LF	\$85.00	\$12,750.00
10	Install 24" RCP Pipe, Class III	300	LF	\$95.00	\$28,500.00
TOTAL BACKBONE STORM DRAIN SYSTEM (Items 6-10):					\$146,750.00
STORM WATER QUALITY TREATMENT SWALES					
11	Storm Water Quality Treatment Swale	200	LF	\$15.00	\$3,000.00
12	Check Dams	3	EA	\$2,500.00	\$7,500.00
TOTAL STORM WATER QUALITY TREATMENT SWALES (Items 11-12):					\$10,500.00
TOTAL PHASE 1 ESTIMATE (Items 1-12):					\$210,900.00
ULTIMATE BUILD OUT STORM DRAIN IMPROVEMENTS					
EXPANSION OF CRESTVIEW PARK DETENTION BASIN TO MITIGATE IMPACTS OF DEVELOPMENT					
Item No.	Description	Quantity	Unit	Unit Price	Cost
13	Earthwork	8,000	CY	\$10.00	\$80,000.00
14	Rip-Rap	20	TON	\$45.00	\$900.00
15	Install Weir vault overflow from wetlands	1	EA	\$10,000.00	\$10,000.00
16	Install 30" RCP Pipe, Class III	1,000	LF	\$105.00	\$105,000.00
17	Install Underdrain system for Expanded Park	500	LF	\$100.00	\$50,000.00
TOTAL EXTENSION OF CRESTVIEW PARK DETENTION BASIN (Items 13-16):					\$245,900.00
BACKBONE STORM DRAIN SYSTEM					
18	Install Curb Inlet	120	EA	\$2,500.00	\$300,000.00
19	Install Manhole	60	EA	\$4,500.00	\$270,000.00
20	Install 15" RCP Pipe, Class III	1,500	LF	\$70.00	\$105,000.00
21	Install 18" RCP Pipe, Class III	1,500	LF	\$85.00	\$127,500.00
22	Install 24" RCP Pipe, Class III	1,500	LF	\$95.00	\$142,500.00
23	Install 30" RCP Pipe, Class III	2,000	LF	\$100.00	\$200,000.00
TOTAL BACKBONE STORM DRAIN SYSTEM (Items 18-23):					\$1,145,000.00
STORM WATER QUALITY TREATMENT SWALES					
24	Storm Water Quality Treatment Swale in Crestview Park	1,000	LF	\$15.00	\$15,000.00
TOTAL STORM WATER QUALITY TREATMENT SWALES (Items 24):					\$15,000.00
TOTAL ULTIMATE BUILDOUT ESTIMATE (Items 13-24):					\$1,405,900.00
TOTAL PHASE 1 AND ULTIMATE BUILDOUT STORM WATER IMPROVEMENTS (Items 1-24):					\$1,616,800.00
OPTIONAL EXPANSION OF CRESTVIEW PARK DETENTION BASIN TO ACCOMMODATE 100 YEAR FLOW²					
Item No.	Description	Quantity	Unit	Unit Price	Cost
25	Earthwork	3,000	CY	\$10.00	\$30,000.00
26	Rip-Rap	15	TON	\$45.00	\$675.00
27	Install Underdrain system for Expanded Park	250	LF	\$100.00	\$25,000.00
TOTAL OPTIONAL EXPANSION OF CRESTVIEW PARK (Items 25-27):					\$55,675.00
BID TOTALS					
Total Base Bid:					\$1,616,800.00
Total Optional Items:					\$55,675.00
Mobilization (5%):					\$83,623.75
Construction Water, Erosion & Sediment Control (3%):					\$50,174.25
Permitting & fees (2.5%):					\$41,811.88
Project Management and Design (12%):					\$200,697.00
Construction Management and Engineering Services (10%):					\$167,247.50
Contingency (25%):					\$418,118.75
TOTAL OPINION OF PROBABLE COST³					\$2,634,148.13

¹ Includes 25% for additional excavation for freeboard.

² Additional to items 12-16.

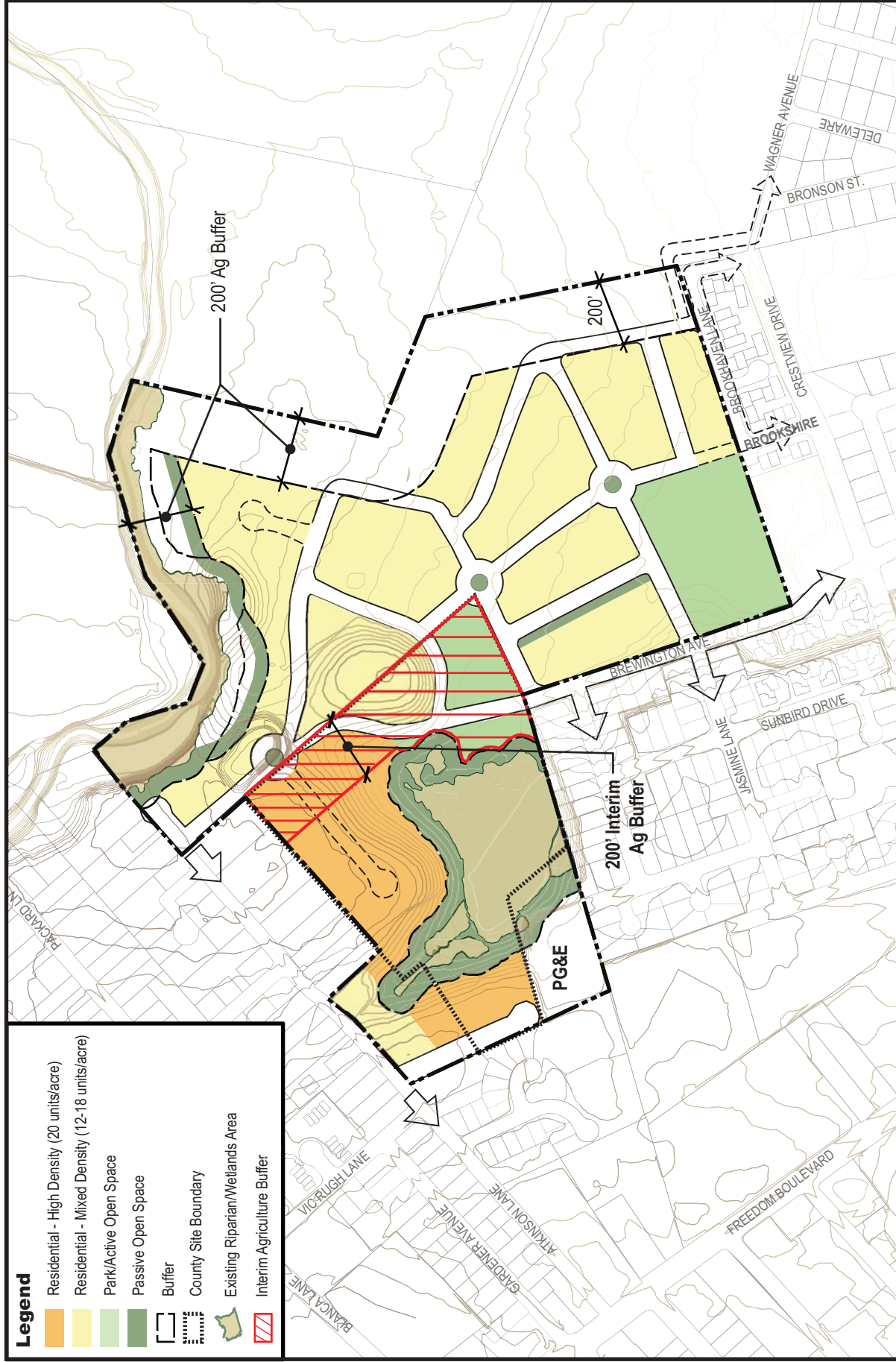


Legend

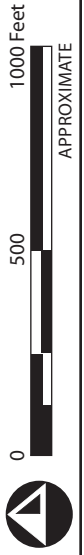
- Residential - High Density (20 units/acre)
- Residential - Mixed Density (12-18 units/acre)
- Park/Active Open Space
- Passive Open Space
- Buffer
- County Site Boundary
- Existing Riparian/Wetlands Area
- Interim Agriculture Buffer

Source: RBF Consulting & Pyatok Architects, Inc. (2008)





Source: RBF Consulting & Pyatok Architects, Inc. (2008)



ATKINSON LANE SPECIFIC PLAN/MASTER PLAN
Land Use Plan - Alternative 1

7/28/08, IN 70-100118

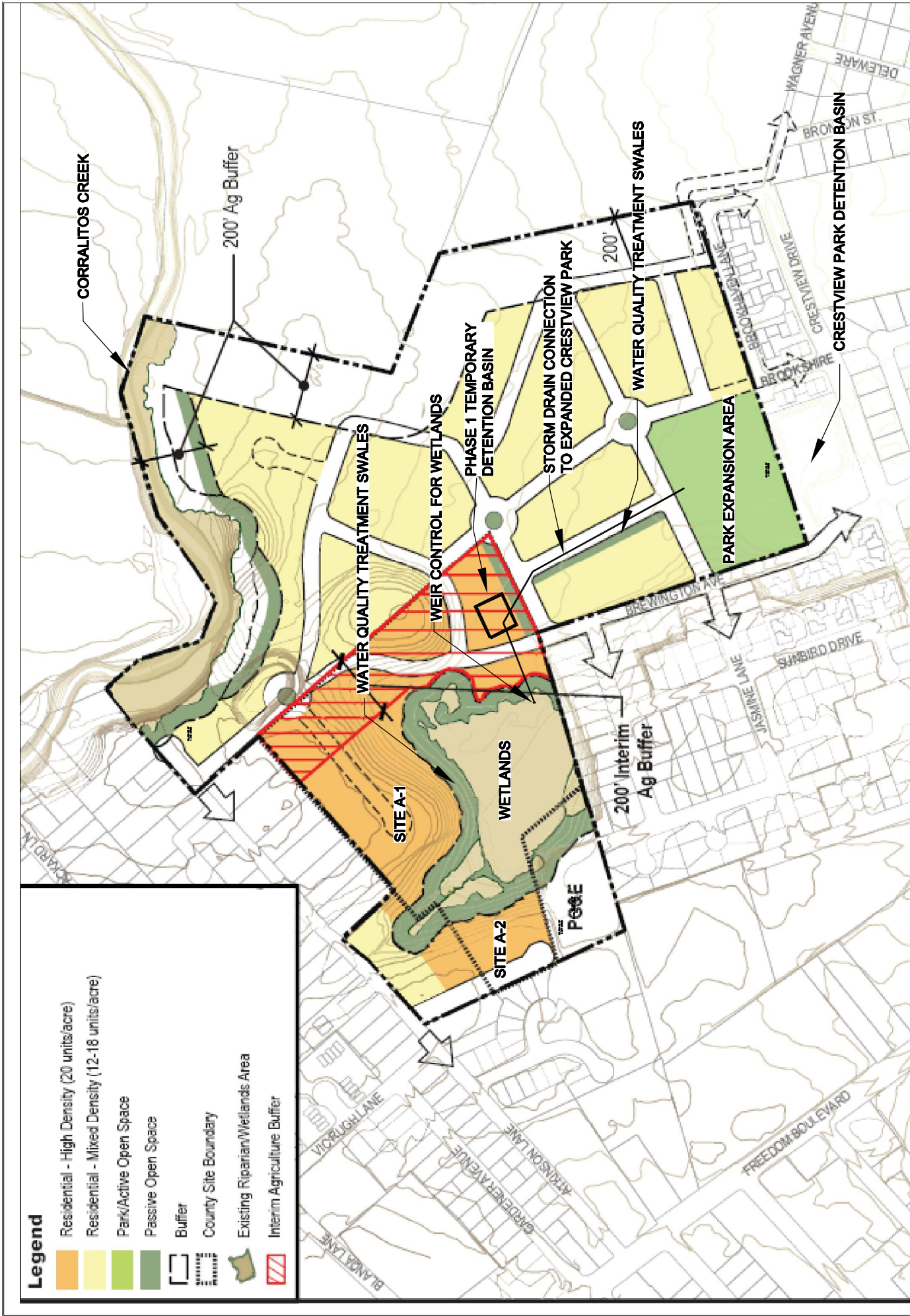


EXHIBIT 1
SCHEMATIC OF STORM DRAIN FEATURES

APPENDIX H
NOISE

RBF Consulting. Noise Modeling. December 2008.

**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

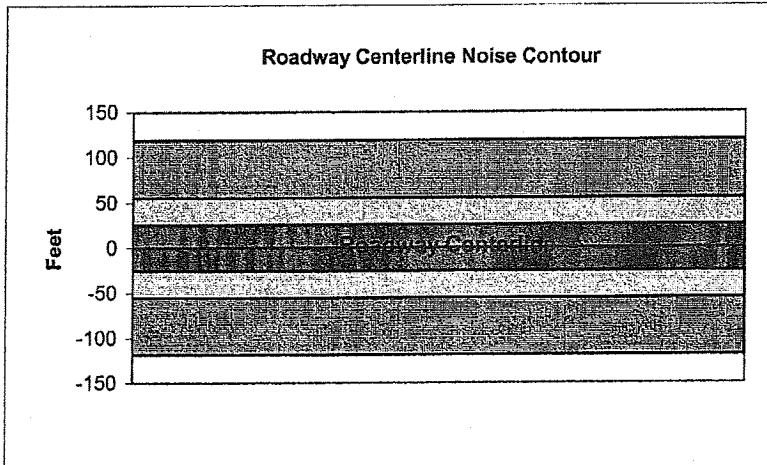
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160
 Roadway: Holohan Road
 Road Segment: Between Green Valley Road & East Lake Avenue

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier:	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	14,010			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1401			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	12			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions:SOFT SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	48.9	57.7	55.9	49.8	58.4	59.0
Medium Trucks:	58.6	50.5	44.1	42.6	51.1	51.3
Heavy Trucks:	63.8	51.9	42.8	44.0	53.9	54.1
Vehicle Noise:	66.3	59.6	56.4	51.7	60.3	60.8

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	119
65 dBA	55
70 dBA	26
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

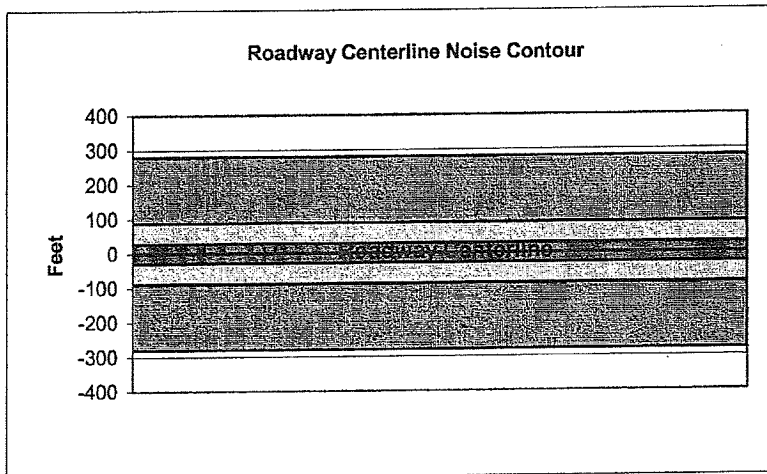
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160
 Roadway: Airport Boulevard
 Road Segment: Between Freedom Boulevard & Green Valley Road

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	16,250			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1625			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	13			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	52.3	61.1	59.3	53.2	61.9	62.5
Medium Trucks:	62.0	54.0	47.6	46.0	54.5	54.7
Heavy Trucks:	67.3	55.3	46.3	47.5	57.4	57.5
Vehicle Noise:	69.7	63.1	59.9	55.2	63.8	64.2

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	280
65 dBA	89
70 dBA	28
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

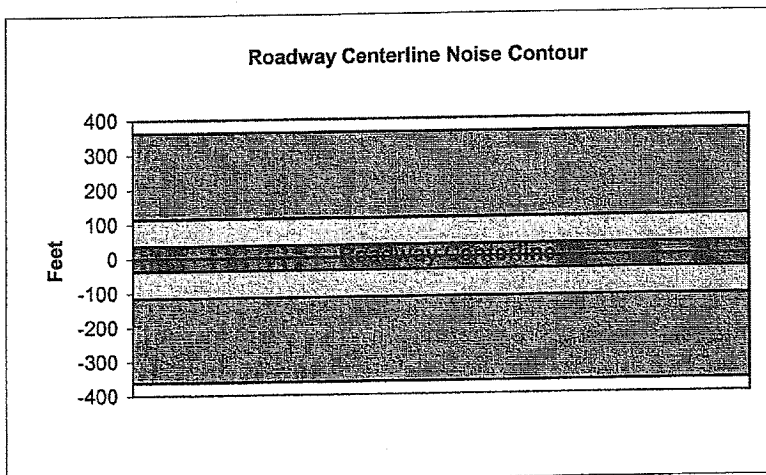
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160
 Roadway: Green Valley Road
 Road Segment: Between Main St. & Freedom Blvd

PROJECT DATA				SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0	Average Daily Traffic:				21,020
Barrier (0=wall, 1= berm):	0	Peak Hour Traffic:		2102				
Receiver Barrier Dist:	0	Vehicle Speed:		35				
Centerline Dist. To Observer:	100	Centerline Separation:		31				
Barrier Near Lane CL Dist:	0	NOISE INPUTS						
Barrier Far lane CL Dist:	0	Site conditions HARD SITE						
Pad Elevation:	0.5	FLEET MIX						
Road Elevation:	0	Type	Day	Evening	Night	Daily		
Observer Height (above grade):	0	Auto	0.775	0.129	0.096	0.9742		
Barrier Height:	0	Med. Truck	0.848	0.049	0.103	0.0184		
Rt View: 90	Lft View: -90	Heavy Truck	0.865	0.027	0.108	0.0074		
NOISE SOURCE ELEVATIONS (Feet)								
Autos:	0							
Medium Trucks:	2.3							
Heavy Trucks:	8							

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.1	61.9	60.1	54.0	62.7	63.3
Medium Trucks:	62.8	54.8	48.4	46.8	55.3	55.5
Heavy Trucks:	68.1	56.1	47.1	48.3	58.2	58.3
Vehicle Noise:	70.5	63.9	60.7	56.0	64.6	65.0

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	363
65 dBA	115
70 dBA	36
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

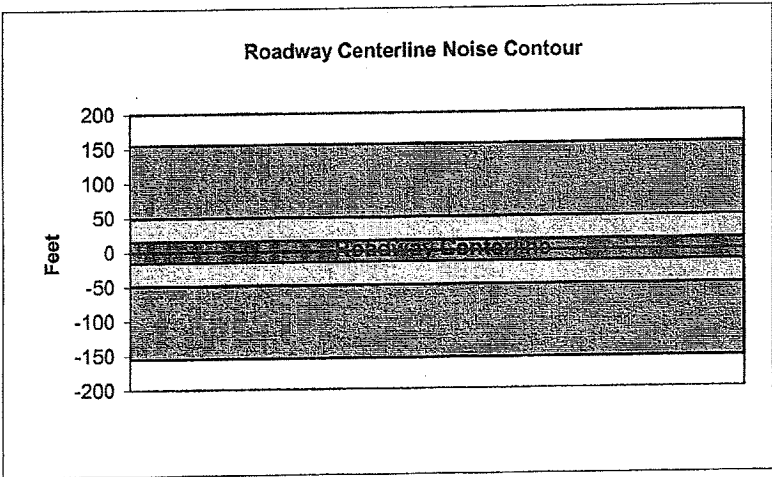
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160
 Roadway: Freedom Boulevard
 Road Segment: Between Airport Boulevard & Green Valley Road

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	12,560			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1256			
Centerline Dist. To Observer:	100	Vehicle Speed:	30			
Barrier Near Lane CL Dist:	0	Centerline Separation:	18			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	49.2	58.0	56.2	50.1	58.7	59.4
Medium Trucks:	59.8	51.7	45.3	43.8	52.3	52.5
Heavy Trucks:	65.4	53.5	44.4	45.7	55.8	55.9
Vehicle Noise:	68.0	60.4	56.9	52.6	61.1	61.6

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	155
65 dBA	49
70 dBA	16
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

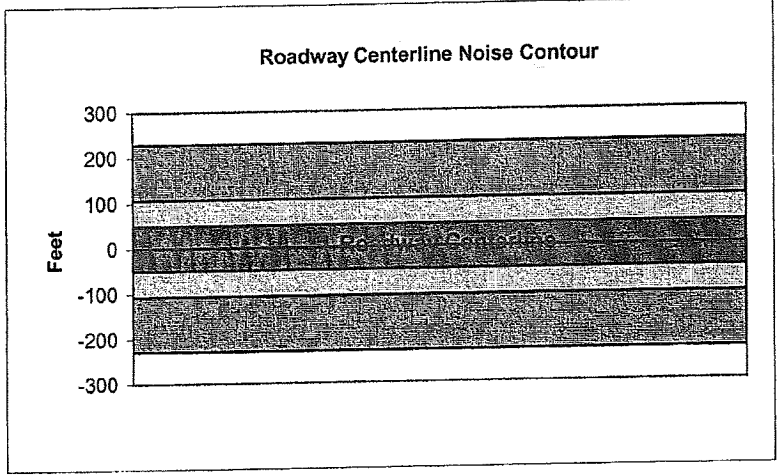
Project Name:	Atkinson Lane	Scenario:	Existing
Analyst:	Trish Harper	Job #:	70100160
Roadway:	East Lake Avenue (Highway 152)		
Road Segment:	Between Wagner Avenue & Holohan Road		

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier:	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	12,580			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1258			
Centerline Dist. To Observer:	100	Vehicle Speed:	55			
Barrier Near Lane CL Dist:	0	Centerline Separation:	18			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions:SOFT SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.9	62.7	60.9	54.8	63.5	64.1
Medium Trucks:	61.0	53.0	46.6	45.0	53.5	53.7
Heavy Trucks:	65.0	53.0	44.0	45.2	54.5	54.6
Vehicle Noise:	67.3	63.6	61.1	55.7	64.3	64.9

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	229
65 dBA	107
70 dBA	49
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

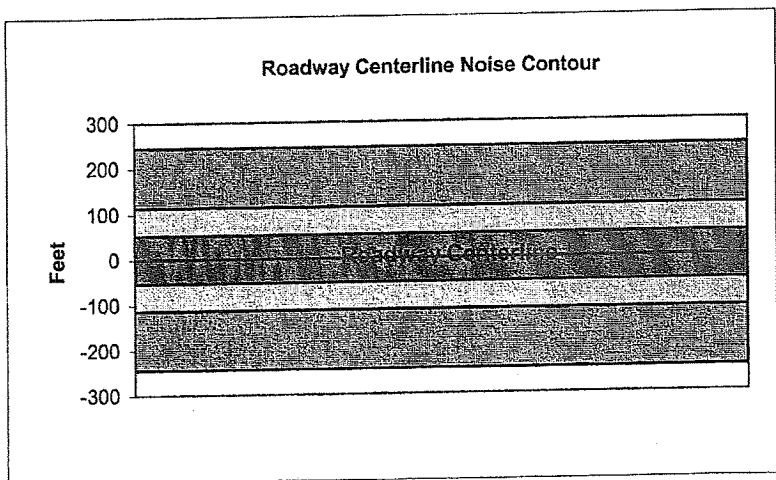
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160
 Roadway: East Lake Avenue (Highway 152)
 Road Segment: North of Holohan Road

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier:	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	13,830			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1383			
Centerline Dist. To Observer:	100	Vehicle Speed:	55			
Barrier Near Lane CL Dist:	0	Centerline Separation:	21			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions: SOFT SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	54.2	63.0	61.2	55.1	63.8	64.4
Medium Trucks:	61.4	53.3	46.9	45.3	53.8	54.1
Heavy Trucks:	65.3	53.4	44.3	45.5	54.8	54.9
Vehicle Noise:	67.6	63.9	61.5	56.1	64.7	65.2

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	244
65 dBA	113
70 dBA	53
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

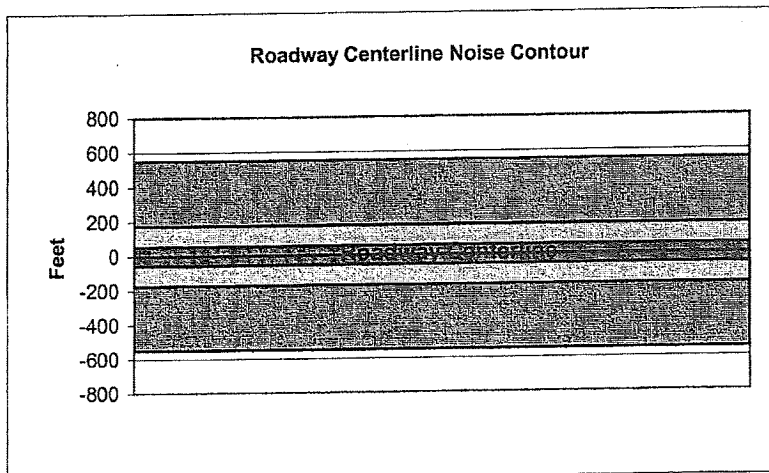
Project Name:	Atkinson Lane	Scenario:	Existing
Analyst:	Trish Harper	Job #:	70100160
Roadway:	Main Street		
Road Segment:	Between Green Valley Road & Highway 1		

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	31,910			
Receiver Barrier Dist:	0	Peak Hour Traffic:	3191			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	46			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	54.7	63.5	61.7	55.6	64.3	64.9
Medium Trucks:	64.4	56.4	50.0	48.4	56.9	57.1
Heavy Trucks:	69.6	57.7	48.6	49.9	59.8	59.9
Vehicle Noise:	72.1	65.4	62.3	57.6	66.1	66.6

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	550
65 dBA	174
70 dBA	55
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

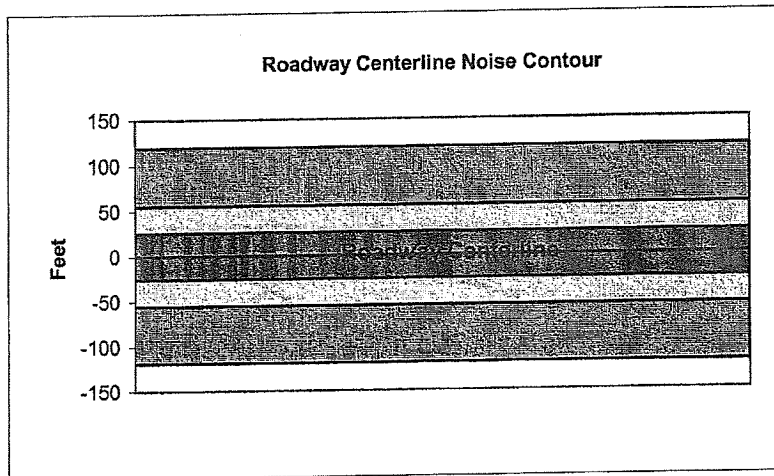
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160-Existing + Background
 Roadway: Holohan Road
 Road Segment: Between Green Valley Road & East Lake Avenue

PROJECT DATA				SITE DATA							
Centerline Dist to Barrier:	0	Road Grade:	0	Average Daily Traffic:	14,090	Peak Hour Traffic:	1409	Vehicle Speed:	35	Centerline Separation:	12
Barrier (0=wall, 1= berm):	0	Centerline Dist. To Observer:	100	NOISE INPUTS							
Receiver Barrier Dist:	0	Barrier Near Lane CL Dist:	0	Site conditions: SOFT SITE							
Barrier Far lane CL Dist:	0	Barrier Far lane CL Dist:	0	FLEET MIX							
Pad Elevation:	0.5	Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily			
Road Elevation:	0	Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742			
Rt View: 90	Lft View: -90	Heavy Trucks:	8	Med. Truck	0.848	0.049	0.103	0.0184			
NOISE SOURCE ELEVATIONS (Feet)				Heavy Truck	0.865	0.027	0.108	0.0074			
Autos:	0										
Medium Trucks:	2.3										
Heavy Trucks:	8										

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	48.9	57.7	55.9	49.8	58.5	59.1
Medium Trucks:	58.6	50.6	44.2	42.6	51.1	51.3
Heavy Trucks:	63.8	51.9	42.8	44.1	54.0	54.1
Vehicle Noise:	66.3	59.6	56.5	51.8	60.3	60.8

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	119
65 dBA	55
70 dBA	26
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

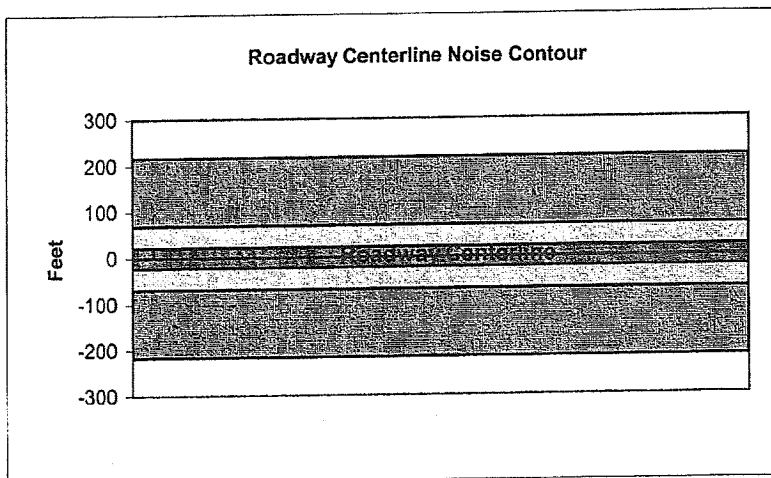
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160-Existing + Background
 Roadway: Freedom Boulevard
 Road Segment: Between Airport Boulevard & Green Valley Road

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	17,590			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1759			
Centerline Dist. To Observer:	100	Vehicle Speed:	30			
Barrier Near Lane CL Dist:	0	Centerline Separation:	18			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	50.6	59.4	57.6	51.6	60.2	60.8
Medium Trucks:	61.3	53.2	46.8	45.2	53.7	53.9
Heavy Trucks:	66.9	55.0	45.9	47.1	57.3	57.4
Vehicle Noise:	69.4	61.9	58.4	54.0	62.6	63.0

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	217
65 dBA	69
70 dBA	22
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

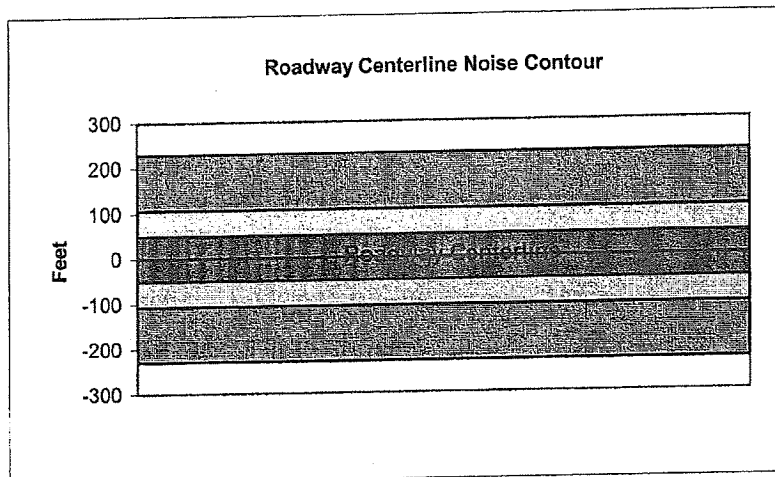
Project Name: Atkinson Lane Scenario: Existing
 Analyst: Trish Harper Job #: 70100160-Existing + Background
 Roadway: East Lake Avenue (Highway 152)
 Road Segment: Between Wagner Avenue & Holohan Road

PROJECT DATA			SITE DATA				
Centerline Dist to Barrier:	0		Road Grade:	0			
Barrier (0=wall, 1= berm):	0		Average Daily Traffic:	12,640			
Receiver Barrier Dist:	0		Peak Hour Traffic:	1264			
Centerline Dist. To Observer:	100		Vehicle Speed:	55			
Barrier Near Lane CL Dist:	0		Centerline Separation:	18			
Barrier Far lane CL Dist:	0		NOISE INPUTS				
Pad Elevation:	0.5		Site conditions: SOFT SITE				
Road Elevation:	0		FLEET MIX				
Observer Height (above grade):	5.5		Type	Day	Evening	Night	Daily
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90		Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)			Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0						
Medium Trucks:	2.3						
Heavy Trucks:	8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.9	62.7	60.9	54.8	63.5	64.1
Medium Trucks:	61.0	53.0	46.6	45.0	53.5	53.7
Heavy Trucks:	65.0	53.1	44.0	45.2	54.5	54.6
Vehicle Noise:	67.3	63.6	61.2	55.8	64.4	64.9

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	230
65 dBA	107
70 dBA	50
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

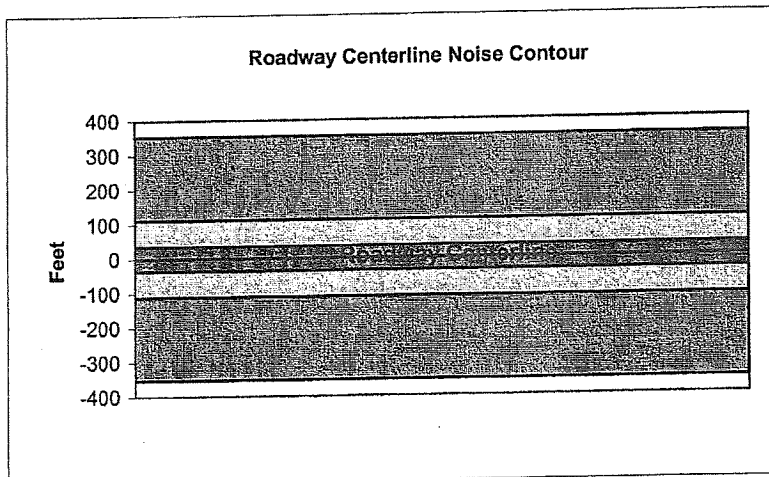
Project Name: Atkinson Lane Scenario: Existing Plus Project
 Analyst: Trish Harper Job #: 70100160 (+ Background)
 Roadway: Airport Boulevard
 Road Segment: Between Freedom Boulevard & Highway 1

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	20,500			
Receiver Barrier Dist:	0	Peak Hour Traffic:	2050			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	31			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.0	61.8	60.0	53.9	62.6	63.2
Medium Trucks:	62.7	54.7	48.3	46.7	55.2	55.4
Heavy Trucks:	68.0	56.0	47.0	48.2	58.1	58.2
Vehicle Noise:	70.4	63.8	60.6	55.9	64.4	64.9

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	354
65 dBA	112
70 dBA	35
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-103
Traffic Noise Prediction Model (CALVENO)**

Project Name: Atkinson Lane Scenario: Existing Plus Project
 Analyst: Trish Harper Job #: 70100160 (+ Background)
 Roadway: Green Valley Road
 Road Segment: Between Freedom Boulevard & Holohan Road

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	19,440			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1944			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	19			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.0	61.8	60.0	53.9	62.6	63.2
Medium Trucks:	62.7	54.6	48.3	46.7	55.2	55.4
Heavy Trucks:	67.9	56.0	46.9	48.2	58.1	58.2
Vehicle Noise:	70.4	63.7	60.5	55.9	64.4	64.9

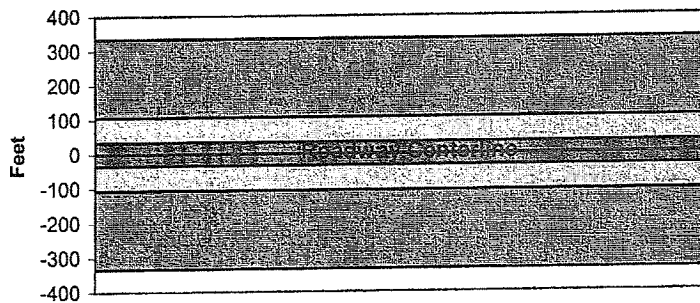
MITIGATED NOISE LEVELS (With topographic or barrier attenuation)

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR

Unmitigated	
60 dBA	335
65 dBA	106
70 dBA	33
Mitigated	
60 dBA	
65 dBA	
70 dBA	

Roadway Centerline Noise Contour



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

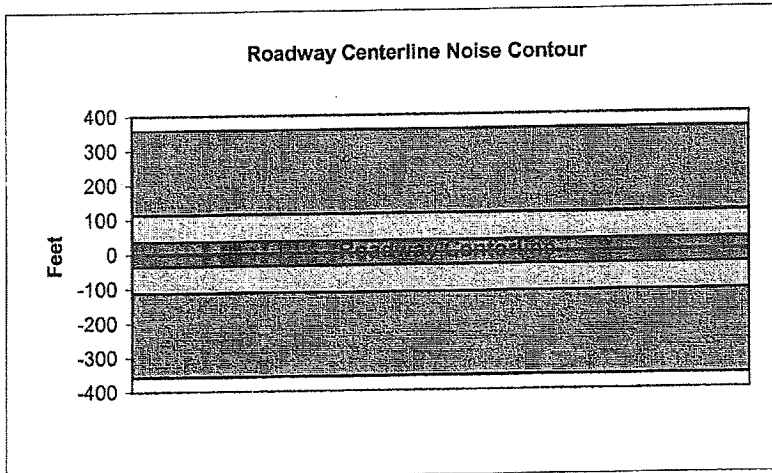
Project Name: Atkinson Lane Scenario: Existing Plus Project
 Analyst: Trish Harper Job #: 70100160 (+ Background)
 Roadway: Freedom Boulevard
 Road Segment: Between Green Valley Road & Gardner Avenue

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	29,030			
Receiver Barrier Dist:	0	Peak Hour Traffic:	2903			
Centerline Dist. To Observer:	100	Vehicle Speed:	30			
Barrier Near Lane CL Dist:	0	Centerline Separation:	29			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	52.6	61.4	59.6	53.5	62.2	62.8
Medium Trucks:	63.2	55.2	48.8	47.2	55.7	55.9
Heavy Trucks:	68.9	56.9	47.9	49.1	59.2	59.4
Vehicle Noise:	71.4	63.9	60.4	56.0	64.6	65.0

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	358
65 dBA	113
70 dBA	36
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

Project Name: Atkinson Lane Scenario: Existing Plus Project
 Analyst: Trish Harper Job #: 70100160 (+ Background)
 Roadway: Freedom Boulevard
 Road Segment: Between Gardner Avenue & Crestview Drive

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	26,970			
Receiver Barrier Dist:	0	Peak Hour Traffic:	2697			
Centerline Dist. To Observer:	100	Vehicle Speed:	30			
Barrier Near Lane CL Dist:	0	Centerline Separation:	24			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	52.4	61.2	59.4	53.3	62.0	62.6
Medium Trucks:	63.0	54.9	48.6	47.0	55.5	55.7
Heavy Trucks:	68.6	56.7	47.7	48.9	59.0	59.1
Vehicle Noise:	71.2	63.7	60.1	55.8	64.3	64.8

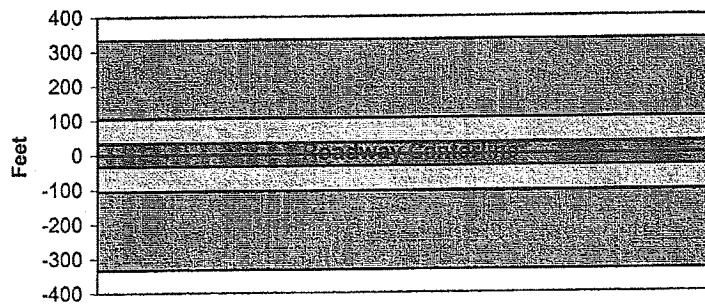
MITIGATED NOISE LEVELS (With topographic or barrier attenuation)

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR

Unmitigated	
60 dBA	333
65 dBA	105
70 dBA	33
Mitigated	
60 dBA	
65 dBA	
70 dBA	

Roadway Centerline Noise Contour



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

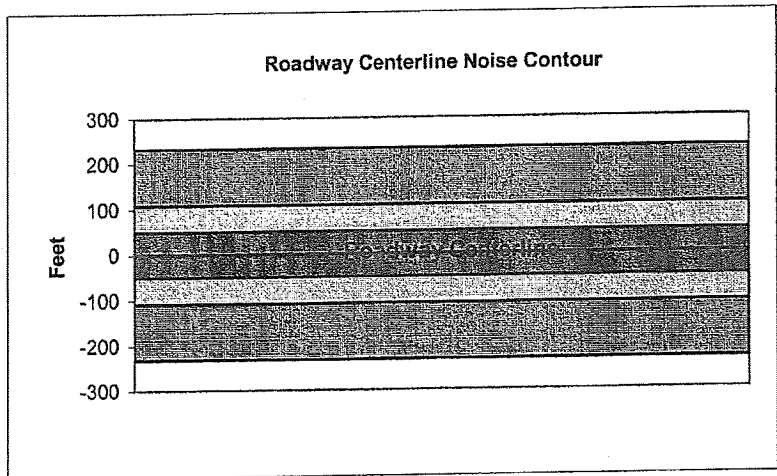
Project Name: Atkinson Lane Scenario: Existing Plus Project
 Analyst: Trish Harper Job #: 70100160 (+ Background)
 Roadway: East Lake Avenue (Highway 152)
 Road Segment: Between Wagner Avenue & Holohan Road

PROJECT DATA				SITE DATA				
Centerline Dist to Barrier:	0	Road Grade:	0	Average Daily Traffic: 12,860				
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:		12,860				
Receiver Barrier Dist:	0	Peak Hour Traffic:		1286				
Centerline Dist. To Observer:	100	Vehicle Speed:		55				
Barrier Near Lane CL Dist:	0	Centerline Separation:		18				
Barrier Far lane CL Dist:	0	NOISE INPUTS						
Pad Elevation:	0.5	Site conditions: SOFT SITE						
Road Elevation:	0	FLEET MIX						
Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily		
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742		
Rt View: 90	Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184		
NOISE SOURCE ELEVATIONS (Feet)				Heavy Truck	0.865	0.027	0.108	0.0074
Autos: 0								
Medium Trucks: 2.3								
Heavy Trucks: 8								

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	54.0	62.8	61.0	54.9	63.6	64.2
Medium Trucks:	61.1	53.1	46.7	45.1	53.6	53.8
Heavy Trucks:	65.1	53.1	44.1	45.3	54.6	54.7
Vehicle Noise:	67.4	63.7	61.2	55.8	64.4	65.0

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

Unmitigated	
60 dBA	233
65 dBA	108
70 dBA	50
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

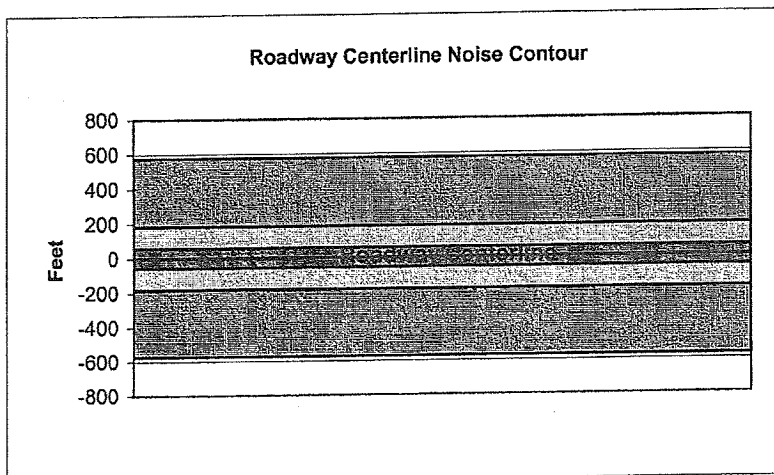
Project Name: Atkinson Lane Scenario: Existing Plus Project
 Analyst: Trish Harper Job #: 70100160 (+ Background)
 Roadway: Main Street
 Road Segment: Between Green Valley Road & Highway 1

PROJECT DATA				SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0	Average Daily Traffic: 33,310				
Barrier (0=wall, 1= berm):	0	Peak Hour Traffic:	3331	Vehicle Speed: 35				
Receiver Barrier Dist:	0	Centerline Separation:	46	NOISE INPUTS				
Centerline Dist. To Observer:	100	Site conditions HARD SITE						
Barrier Near Lane CL Dist:	0	FLEET MIX						
Barrier Far lane CL Dist:	0	Type	Day	Evening	Night	Daily		
Pad Elevation:	0.5	Auto	0.775	0.129	0.096	0.9742		
Road Elevation:	0	Med. Truck	0.848	0.049	0.103	0.0184		
Observer Height (above grade):	0	Heavy Truck	0.865	0.027	0.108	0.0074		
Barrier Height:	0	NOISE SOURCE ELEVATIONS (Feet)						
Rt View: 90	Lft View: -90	Autos: 0						
		Medium Trucks: 2.3						
		Heavy Trucks: 8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	54.9	63.7	61.9	55.8	64.4	65.1
Medium Trucks:	64.6	56.5	50.2	48.6	57.1	57.3
Heavy Trucks:	69.8	57.9	48.8	50.1	60.0	60.1
Vehicle Noise:	72.3	65.6	62.4	57.8	66.3	66.8

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	574
65 dBA	182
70 dBA	57
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

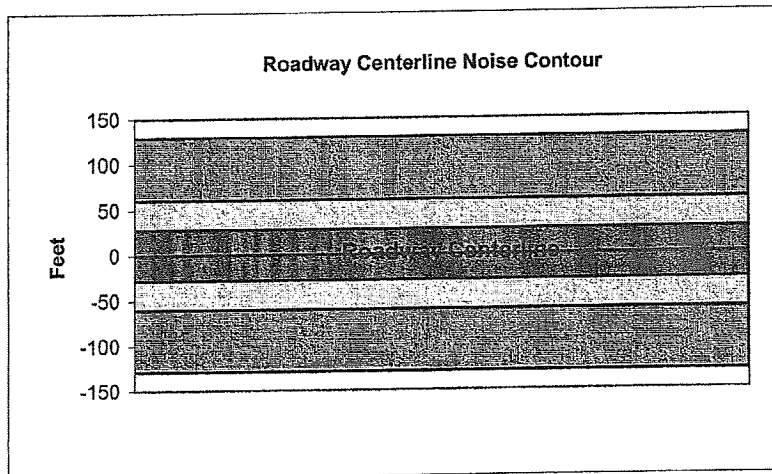
Project Name: Atkinson Lane Scenario: Future Plus Project
 Analyst: Trish Harper Job #: 70100160
 Roadway: Holohan Road
 Road Segment: Between Green Valley Road & East Lake Avenue

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier:	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	15,950			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1595			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	12			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions: SOFT SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	49.4	58.2	56.4	50.4	59.0	59.6
Medium Trucks:	59.2	51.1	44.7	43.1	51.6	51.9
Heavy Trucks:	64.4	52.4	43.4	44.6	54.5	54.6
Vehicle Noise:	66.8	60.2	57.0	52.3	60.9	61.3

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	130
65 dBA	60
70 dBA	28
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

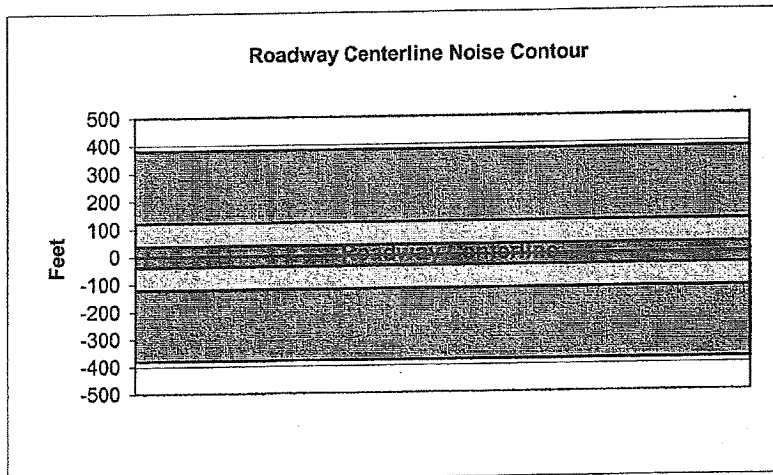
Project Name: Atkinson Lane Scenario: Future Plus Project
 Analyst: Trish Harper Job #: 70100160
 Roadway: Airport Boulevard
 Road Segment: Between Freedom Boulevard & Highway 1

PROJECT DATA		SITE DATA	
Centerline Dist to Barrier	0	Road Grade:	0
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	22,120
Receiver Barrier Dist:	0	Peak Hour Traffic:	2212
Centerline Dist. To Observer:	100	Vehicle Speed:	35
Barrier Near Lane CL Dist:	0	Centerline Separation:	31
Barrier Far lane CL Dist:	0	NOISE INPUTS	
Pad Elevation:	0.5	Site conditions HARD SITE	
Road Elevation:	0	FLEET MIX	
Observer Height (above grade):	0	Type	Day
Barrier Height:	0	Auto	0.775
Rt View: 90	Lft View: -90	Med. Truck	0.848
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865
Autos:	0	Evening	0.129
Medium Trucks:	2.3	Night	0.096
Heavy Trucks:	8	Daily	0.9742

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.3	62.1	60.3	54.3	62.9	63.5
Medium Trucks:	63.1	55.0	48.6	47.0	55.5	55.8
Heavy Trucks:	68.3	56.3	47.3	48.5	58.4	58.5
Vehicle Noise:	70.7	64.1	60.9	56.2	64.8	65.2

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	382
65 dBA	121
70 dBA	38
Mitigated	
60 dBA	
65 dBA	
70 dBA	



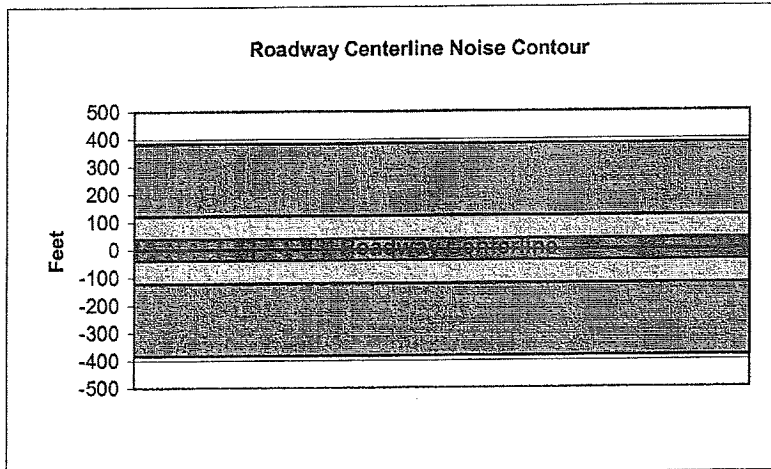
Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)

Project Name:	Atkinson Lane	Scenario:	Future Plus Project
Analyst:	Trish Harper	Job #:	70100160
Roadway:	Green Valley Road		
Road Segment:	Between Freedom Boulevard & Holohan Road		
PROJECT DATA		SITE DATA	
Centerline Dist to Barrier	0	Road Grade:	0
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	22,230
Receiver Barrier Dist:	0	Peak Hour Traffic:	2223
Centerline Dist. To Observer:	100	Vehicle Speed:	35
Barrier Near Lane CL Dist:	0	Centerline Separation:	19
Barrier Far lane CL Dist:	0	NOISE INPUTS	
Pad Elevation:	0.5	Site conditions HARD SITE	
Road Elevation:	0	FLEET MIX	
Observer Height (above grade):	0	Type	Day
Barrier Height:	0	Auto	Evening
Rt View: 90	Lft View: -90	Med. Truck	Night
		Heavy Truck	Daily
NOISE SOURCE ELEVATIONS (Feet)			
Autos:	0		
Medium Trucks:	2.3		
Heavy Trucks:	8		

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.6	62.4	60.6	54.5	63.1	63.7
Medium Trucks:	63.3	55.2	48.8	47.3	55.8	56.0
Heavy Trucks:	68.5	56.6	47.5	48.7	58.6	58.8
Vehicle Noise:	70.9	64.3	61.1	56.4	65.0	65.5

Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

Unmitigated	
60 dBA	384
65 dBA	121
70 dBA	38
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

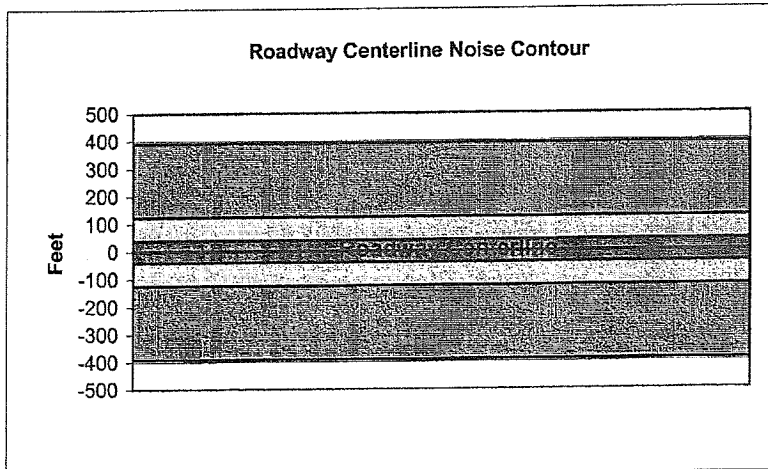
Project Name:	Atkinson Lane	Scenario:	Future Plus Project
Analyst:	Trish Harper	Job #:	70100160
Roadway:	Green Valley Road		
Road Segment:	Between Main St. & Freedom Blvd		

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	22,820			
Receiver Barrier Dist:	0	Peak Hour Traffic:	2282			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	31			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.5	62.3	60.5	54.4	63.0	63.6
Medium Trucks:	63.2	55.1	48.7	47.2	55.7	55.9
Heavy Trucks:	68.4	56.5	47.4	48.6	58.5	58.7
Vehicle Noise:	70.9	64.2	61.0	56.3	64.9	65.4

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	393
65 dBA	124
70 dBA	39
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

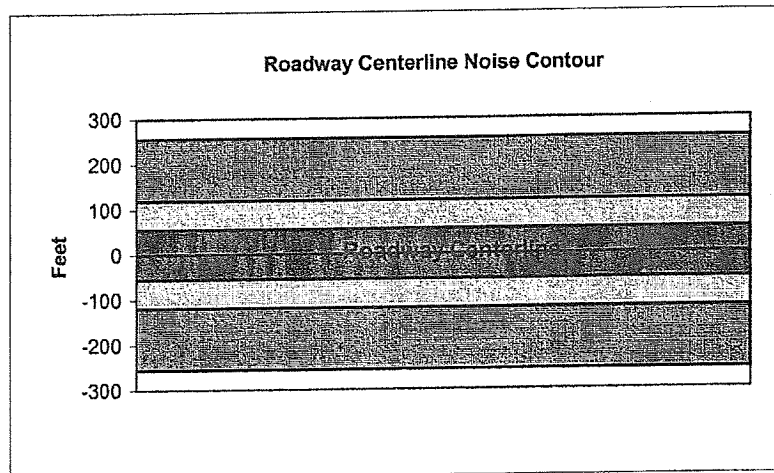
Project Name: Atkinson Lane Scenario: Future Plus Project
 Analyst: Trish Harper Job #: 70100160
 Roadway: East Lake Avenue (Highway 152)
 Road Segment: Between Wagner Avenue & Holohan Road

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier:	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	14,820			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1482			
Centerline Dist. To Observer:	100	Vehicle Speed:	55			
Barrier Near Lane CL Dist:	0	Centerline Separation:	18			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions: SOFT SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	54.6	63.4	61.6	55.5	64.2	64.8
Medium Trucks:	61.7	53.7	47.3	45.7	54.2	54.4
Heavy Trucks:	65.7	53.8	44.7	45.9	55.2	55.3
Vehicle Noise:	68.0	64.3	61.9	56.4	65.1	65.6

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	256
65 dBA	119
70 dBA	55
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

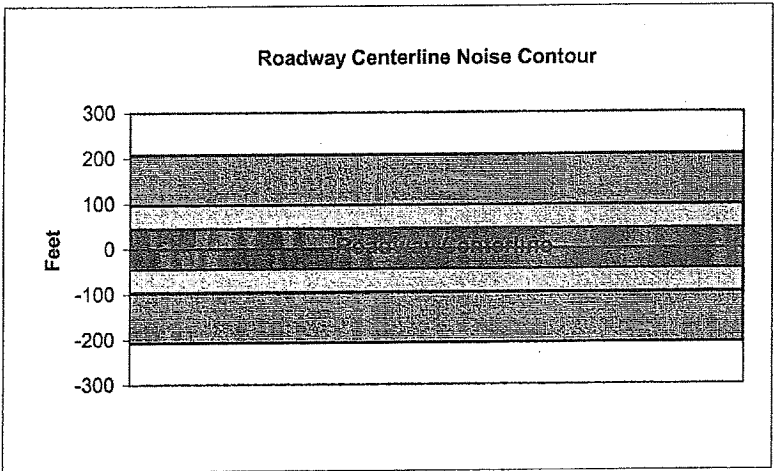
Project Name:	Atkinson Lane	Scenario:	Future Plus Project
Analyst:	Trish Harper	Job #:	70100160
Roadway:	East Lake Avenue (Highway 152)		
Road Segment:	North of Holohan Road		

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier:	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	10,840			
Receiver Barrier Dist:	0	Peak Hour Traffic:	1084			
Centerline Dist. To Observer:	100	Vehicle Speed:	55			
Barrier Near Lane CL Dist:	0	Centerline Separation:	21			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions:SOFT SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	5.5	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	53.2	61.9	60.2	54.1	62.7	63.3
Medium Trucks:	60.3	52.2	45.8	44.3	52.8	53.0
Heavy Trucks:	64.3	52.3	43.3	44.5	53.7	53.9
Vehicle Noise:	66.6	62.9	60.4	55.0	63.6	64.1

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	208
65 dBA	96
70 dBA	45
Mitigated	
60 dBA	
65 dBA	
70 dBA	



Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)

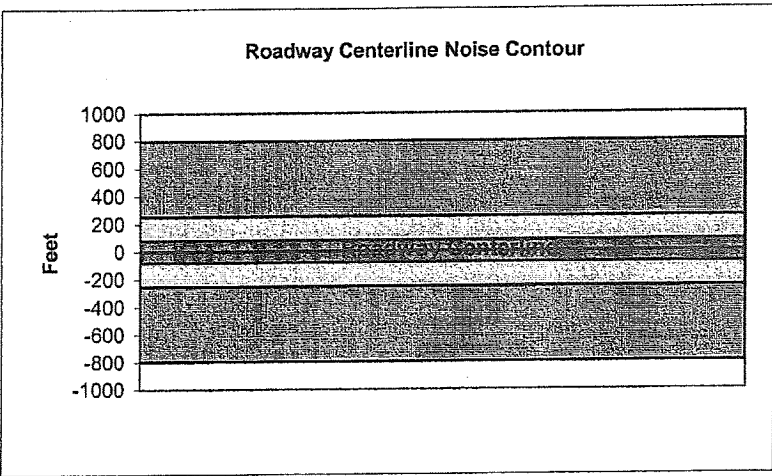
Project Name: Atkinson Lane Scenario: Future Plus Project
Analyst: Trish Harper Job #: 70100160
Roadway: Main Street
Road Segment: Between Green Valley Road & Highway 1

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	46,300			
Receiver Barrier Dist:	0	Peak Hour Traffic:	4630			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	46			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
		Heavy Truck	0.865	0.027	0.108	0.0074
NOISE SOURCE ELEVATIONS (Feet)						
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	56.3	65.1	63.3	57.2	65.9	66.5
Medium Trucks:	66.0	58.0	51.6	50.0	58.5	58.7
Heavy Trucks:	71.3	59.3	50.3	51.5	61.4	61.5
Vehicle Noise:	73.7	67.1	63.9	59.2	67.7	68.2

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	798
65 dBA	252
70 dBA	80
Mitigated	
60 dBA	
65 dBA	
70 dBA	



**Federal Highway Administration RD-77-108
Traffic Noise Prediction Model (CALVENO)**

Project Name:	Atkinson Lane	Scenario:	Future Plus Project
Analyst:	Trish Harper	Job #:	70100160
Roadway:	Main Street		
Road Segment:	Between Green Valley Road & Ohlone Parkway		

PROJECT DATA		SITE DATA				
Centerline Dist to Barrier	0	Road Grade:	0			
Barrier (0=wall, 1= berm):	0	Average Daily Traffic:	42,900			
Receiver Barrier Dist:	0	Peak Hour Traffic:	4290			
Centerline Dist. To Observer:	100	Vehicle Speed:	35			
Barrier Near Lane CL Dist:	0	Centerline Separation:	37			
Barrier Far lane CL Dist:	0	NOISE INPUTS				
Pad Elevation:	0.5	Site conditions HARD SITE				
Road Elevation:	0	FLEET MIX				
Observer Height (above grade):	0	Type	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90 Lft View: -90		Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURCE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	56.1	64.9	63.1	57.0	65.7	66.3
Medium Trucks:	65.8	57.8	51.4	49.8	58.3	58.5
Heavy Trucks:	71.1	59.1	50.1	51.3	61.2	61.3
Vehicle Noise:	73.5	66.9	63.7	59.0	67.6	68.0

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR	
Unmitigated	
60 dBA	740
65 dBA	234
70 dBA	74
Mitigated	
60 dBA	
65 dBA	
70 dBA	

