EXECUTIVE SUMMARY

This report provides an update to the Phase 1 Environmental Site Assessment (ESA) performed for New Dimension Energy Company, LLC (NDEC) in November 2011 and finalized in December 2012 (Tetra Tech 2012). Tetra Tech, Inc. (Tetra Tech) conducted the current Phase 1 ESA Update for NDEC on three distinct wind energy project areas located in the Altamont Pass Wind Resource Area of northeastern Alameda County, California. The purpose of this ESA is to collect and interpret readily available data and to evaluate recognized environmental conditions (RECs), if any, associated with these properties. Tetra Tech has prepared this ESA following American Society for Testing and Materials Standard E 1527-05. The results represent a review of current conditions, based on reasonably ascertainable information and visual site observations as described herein.

The area examined in this study includes approximately 1,126 acres of grazed land where commercial-scale wind energy production has been a secondary use for over 20 years. NDEC plans to re-power these project areas using their own wind turbine models to replace existing turbines.

The primary findings of this Phase 1 ESA Update are listed below. No significant risk of environmental contamination is expected at any of these project areas, or any need for environmental cleanup of existing conditions.

- None of the individual parcels associated with these project areas was listed on the databases searched for this report.
- No RECs were identified at these properties, or within the vicinity of these properties from database searches, historical information, or site reconnaissance.
- Small volumes of hazardous wastes are kept at permitted accumulation areas located in two of the four wind project areas, but wastes are not stored for longer than the allowed 60-day period.
- Minor housekeeping issues were identified relative to storage of reusable parts in areas where non-usable materials have also accumulated.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXECUTIVE SUMMARY</td>
<td>ES-1</td>
</tr>
<tr>
<td>ABBREVIATIONS AND ACRONYMANS</td>
<td>iii</td>
</tr>
<tr>
<td>1.0 INTRODUCTION</td>
<td>1-1</td>
</tr>
<tr>
<td>1.1 PURPOSE</td>
<td>1-1</td>
</tr>
<tr>
<td>1.2 LIMITING CONDITIONS AND METHODOLOGY USED</td>
<td>1-1</td>
</tr>
<tr>
<td>2.0 PROJECT DESCRIPTION</td>
<td>2-1</td>
</tr>
<tr>
<td>2.1 LOCATION AND LEGAL DESCRIPTION OF PROPERTIES</td>
<td>2-1</td>
</tr>
<tr>
<td>2.2 CHARACTERISTICS OF VICINITY AND PROPERTY</td>
<td>2-1</td>
</tr>
<tr>
<td>2.2.1 Current Uses of the Property</td>
<td>2-2</td>
</tr>
<tr>
<td>2.2.2 Current Use of Adjoining Properties</td>
<td>2-2</td>
</tr>
<tr>
<td>2.3 USER-PROVIDED INFORMATION</td>
<td>2-2</td>
</tr>
<tr>
<td>2.3.1 Title Records</td>
<td>2-3</td>
</tr>
<tr>
<td>2.3.2 Environmental Liens</td>
<td>2-3</td>
</tr>
<tr>
<td>2.3.3 Site Improvements</td>
<td>2-3</td>
</tr>
<tr>
<td>3.0 RECORDS REVIEW</td>
<td>3-1</td>
</tr>
<tr>
<td>3.1 REGULATORY AGENCY DATABASE SEARCH</td>
<td>3-1</td>
</tr>
<tr>
<td>3.1.1 U.S. Environmental Protection Agency National Priorities List</td>
<td>3-2</td>
</tr>
<tr>
<td>3.1.2 EPA Comprehensive Environmental Response, Compensation, and</td>
<td>3-2</td>
</tr>
<tr>
<td>Liability Information System</td>
<td>3-2</td>
</tr>
<tr>
<td>3.1.3 EPA Resource Conservation and Recovery Act Corrective Action</td>
<td>3-2</td>
</tr>
<tr>
<td>Reports</td>
<td>3-2</td>
</tr>
<tr>
<td>3.1.4 Federal RCRA Generators List</td>
<td>3-2</td>
</tr>
<tr>
<td>3.1.5 Federal Institutional Control/Engineering Control Registries</td>
<td>3-2</td>
</tr>
<tr>
<td>3.1.6 Federal Emergency Response Notification System List</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.7 Federal Mines Master Index List</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.8 State Hazardous Waste List (State-Equivalent CERCLIS)</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.9 State Landfills and/or Solid Waste Disposal Sites and Contaminated Sites</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.10 State and Tribal Leaking Underground Storage Tank Sites</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.11 State and Tribal Underground Storage Tank Sites</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.12 State Aboveground Storage Tank Sites</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.13 State Spills Database</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.14 State Land Use/Deed Restriction Listing</td>
<td>3-3</td>
</tr>
<tr>
<td>3.1.15 Local Lists of Registered Storage Tanks</td>
<td>3-4</td>
</tr>
<tr>
<td>3.1.16 Orphan Sites</td>
<td>3-4</td>
</tr>
<tr>
<td>3.2 PHYSICAL SETTING DESCRIPTION AND SOURCES</td>
<td>3-4</td>
</tr>
<tr>
<td>3.3 HISTORICAL USE OF THE PROPERTY</td>
<td>3-5</td>
</tr>
<tr>
<td>3.4 HISTORICAL USE OF ADJOINING PROPERTIES</td>
<td>3-6</td>
</tr>
<tr>
<td>4.0 SITE RECONNAISSANCE</td>
<td>4-1</td>
</tr>
<tr>
<td>4.1 METHODOLOGY AND LIMITATIONS</td>
<td>4-1</td>
</tr>
<tr>
<td>4.2 SUMMARY OF OBSERVATIONS</td>
<td>4-1</td>
</tr>
<tr>
<td>4.3 EXTERIOR OBSERVATIONS</td>
<td>4-2</td>
</tr>
<tr>
<td>4.4 INTERIOR OBSERVATIONS</td>
<td>4-3</td>
</tr>
</tbody>
</table>
5.0 RESULTS OF ASSESSMENT ..................................................................................... 5-1
5.1 HAZARDOUS SUBSTANCES IN CONNECTION WITH IDENTIFIED USES... 5-1
5.2 STORAGE TANKS AND WELLS ........................................................................... 5-1
5.3 INDICATIONS OF SOLID WASTE ...................................................................... 5-2
5.4 BUSINESS ENVIRONMENTAL RISK ................................................................. 5-2
5.5 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS .................... 5-2
5.6 MATERIAL THREATS ....................................................................................... 5-2

6.0 FINDINGS AND CONCLUSIONS ......................................................................... 6-1
6.1 LIMITATIONS AND EXCEPTIONS OF ASSESSMENTS ....................................... 6-1

7.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL ....................................... 7-1

8.0 REFERENCES ....................................................................................................... 8-1

LIST OF TABLES
Table 1. Properties Included in Phase 1 Review .............................................................. 2-1
Table 2. Site Improvements ........................................................................................ 2-3
Table 3. Summary of Site Reconnaissance Observations ............................................. 4-1

LIST OF FIGURES
Figure 1 Site Location Map
Figure 2a Local Topography
Figure 2b Site Features
Figure 3a Ralph, Pombo, and Johnston Parcels
Figure 3b Arnaudo and Castello Parcels
Figure 3c Griffith Parcels

APPENDICES
Appendix A EDR Environmental Data Summary
Appendix B Site Reconnaissance Photographs
Appendix C Environmental Professional Credentials
# ABBREVIATIONS AND ACRONYMS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC</td>
<td>Project area encompassing the Arnaudo and Castello parcels</td>
</tr>
<tr>
<td>AST</td>
<td>aboveground storage tank</td>
</tr>
<tr>
<td>ASTM</td>
<td>American Society for Testing and Materials</td>
</tr>
<tr>
<td>CA FID</td>
<td>California Facility Inventory Database</td>
</tr>
<tr>
<td>CERCLIS</td>
<td>Comprehensive Environmental Response, Compensation and Liability Information System</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
</tr>
<tr>
<td>CORRACTS</td>
<td>Corrective Action Reports</td>
</tr>
<tr>
<td>DTSC</td>
<td>Department of Toxic Substances Control</td>
</tr>
<tr>
<td>EDF</td>
<td>EDF Renewable Services</td>
</tr>
<tr>
<td>EDR</td>
<td>Environmental Data Resources, Inc.</td>
</tr>
<tr>
<td>EPA</td>
<td>U.S. Environmental Protection Agency</td>
</tr>
<tr>
<td>ERNS</td>
<td>Emergency Response Notification System</td>
</tr>
<tr>
<td>ESA</td>
<td>Environmental Site Assessment</td>
</tr>
<tr>
<td>NDEC</td>
<td>New Dimension Energy Company, LLC</td>
</tr>
<tr>
<td>GB</td>
<td>Project area encompassing the Griffith parcels</td>
</tr>
<tr>
<td>HIST</td>
<td>Hazardous Substance Storage Container Database</td>
</tr>
<tr>
<td>KVA</td>
<td>kilovolt-ampere</td>
</tr>
<tr>
<td>LUST</td>
<td>leaking underground storage tank</td>
</tr>
<tr>
<td>NFRAP</td>
<td>No Further Remedial Action Planned</td>
</tr>
<tr>
<td>NPL</td>
<td>National Priorities List</td>
</tr>
<tr>
<td>PCB</td>
<td>polychlorinated biphenyls</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>REC</td>
<td>recognized environmental condition</td>
</tr>
<tr>
<td>SWEEPS</td>
<td>Statewide Environmental Evaluation and Planning System</td>
</tr>
<tr>
<td>Tetra Tech</td>
<td>Tetra Tech, Inc.</td>
</tr>
<tr>
<td>TSD</td>
<td>treatment, storage, and disposal</td>
</tr>
<tr>
<td>UST</td>
<td>underground storage tank</td>
</tr>
<tr>
<td>VT</td>
<td>Project area encompassing the Johnston, Pombo, and Ralph parcels</td>
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</tbody>
</table>
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1.0 INTRODUCTION

This report presents the results of a Phase 1 Environmental Site Assessment (ESA) Update prepared for FloDesign Wind Turbine, Inc. (NDEC), on several associated properties located near the town of Tracy, California. There are a total of three wind energy production areas included in this ESA Update, each of which consists of multiple properties of independent land owners. The areas examined in this study include approximately 1,350 acres of land. The site and production areas are described in more detail in Section 2. Figure 1 shows the general location of the Altamont operations of AES Wind Generation (hereinafter referred to by specific “area” names,” as provided in Section 2) and the vicinity of these areas.

Tetra Tech, Inc. (Tetra Tech) was contracted to conduct a Phase I ESA Update for the sole use of NDEC in accordance with the express limitations detailed in Sections 1.2 and 6.1. The format of this report is generally consistent with the recommended format in “Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process,” issued by American Society for Testing and Materials (ASTM) Standard E 1527-05.

1.1 PURPOSE

Pursuant to the scope of work and the applicable ASTM standard, the purpose of this ESA Update is to identify recognized environmental conditions (RECs) in connection with the Property. In defining a standard of good commercial and customary practices for conducting an ESA of a parcel of property, the goal of the process established by this practice is to identify “recognized environmental conditions.” As defined in Section 1.1.1 of ASTM Standard E 1527-05, “recognized environmental conditions” means “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.” A “hazardous substance or petroleum products” is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

1.2 LIMITING CONDITIONS AND METHODOLOGY USED

The ESA Update was overseen by Derrick Coleman and Edward MacDaniel of Tetra Tech. The scope of services for this project was limited to the following tasks:

- Task 1 – Literature and Database Review
- Task 2 – Questionnaire and Interviews
- Task 3 – Site Reconnaissance
- Task 4 – Report Preparation and Project Management

The above tasks were accomplished in general accordance with ASTM Standard E 1527-05. There may be environmental issues or conditions at the Property that parties may wish to assess in connection with commercial real estate that are outside the scope of this standard.
According to Section 13.1.5 of ASTM Standard E 1527-05, non-scope considerations include the following:

- asbestos-containing material
- radon
- lead-based paint
- lead in drinking water
- wetlands
- regulatory compliance
- cultural and historic resources
- industrial hygiene
- health and safety
- ecological resources
- endangered species
- indoor air quality
- high voltage power lines
- soil sampling
- groundwater sampling

The above list is not all-inclusive and no implication is intended as to the relative importance of inquiry.
2.0 PROJECT DESCRIPTION

The properties reviewed in this Phase 1 Assessment Update include three general, existing wind energy generation areas. The wind generation areas are referred to as “Project Sites” in the descriptions below. See Figure 2 for location of these features and individual area maps for each feature.

- **Ralph, Pombo, and Johnston parcels (VT).** This project area is adjacent to the AES office location and consists of 182 turbines spread across three parcels (Ralph 1, Ralph 2, and Pombo), with a fourth parcel (ESI Johnston) that presently contains no turbines. Four wind turbine groups are included on the three parcels (Viking, Taxvest, Altech, and Venture, see Figure 3a).

- **Arnaudo and Castello parcels (AC).** Located northeast of the AES office facility adjacent to the California aqueduct. It includes 130 turbines and two parcels (Figure 3b).

- **Griffith parcels (GB).** Located southeast of the AES office facility and south of Interstate 580, it includes 53 turbines and two parcels (Figure 3c).

2.1 LOCATION AND LEGAL DESCRIPTION OF PROPERTIES

The Properties associated with these wind generation areas are located in eastern Alameda County, California (Table 1). A location map is provided as Figure 1, as well as a local map showing topography in the vicinity of these areas (Figure 2). The general area is on the eastern flank of the Diablo Range and lies east of Livermore and west of the junction of I-205 and I-580 freeways. Specific map sheets are included for each of the four wind generation areas as Figure 3 (3a-VT, 3b-AC, and 3c-GB).

<table>
<thead>
<tr>
<th>Area</th>
<th>Gross Size</th>
<th>Alameda County Assessor Parcel Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT</td>
<td>700.4 acres</td>
<td>99B-7375-1-7; 99B-6325-1-3; 99B-6325-1-4; 99B-7750-6</td>
</tr>
<tr>
<td>AC</td>
<td>217.8 acres</td>
<td>99B-7500-3-1; 99B-7600-1-1</td>
</tr>
<tr>
<td>GB</td>
<td>207.9 acres</td>
<td>99B-7875-1-2; 99B-7875-1-3</td>
</tr>
</tbody>
</table>

2.2 CHARACTERISTICS OF VICINITY AND PROPERTY

The Altamont wind area is on the eastern side of the Diablo Range, a series of low-relief Coast Range mountains aligned predominantly northwest to southeast and lying east of the San Francisco Bay. The topography in the vicinity of the properties under assessment in this Phase 1 is rolling hills that end about 10 miles east where they intersect with the central valley of California. The Altamont Pass (at the top of this easternmost ridge) lies about 5 miles to the west of the subject properties. Vegetation in the vicinity is mostly grassland with occasional small stands of oak trees in the drainages.

The wind generation areas and surrounding vicinity have historically been used for grazing, and for the past 20 plus years have also supported a significant amount of wind generation activity by a number of different companies. The concurrent wind energy generation use continues to
the present, except for the Altamont seasonal shutdown, lasting from 01-November through 15-February, mandated in the settlement agreement of January 2007. These properties are mostly undeveloped, except for the installation of wind turbines, pad-mounted transformers, access roads, underground and above-ground collection lines, maintenance facilities, and interconnect substations. However, the majority of land remains available for grazing and is still used for this activity. Figure 3 maps show the locations of all identified structures or improvements of the types noted above, for each of these areas.

Several regional transmission lines for the Pacific Gas & Electric Company cross the local area and are shown on Figure 2, as well as the Tesla Substation which is just south of the GB Wind Generation area.

2.2.1 Current Uses of the Property
The current use of these Properties is both grazing (as conducted by land owners) and wind energy generation (conducted by property lessees). A number of individual turbines throughout these areas and properties have been decommissioned or removed from service due to age or because they have been determined to be high risk for avian mortality. The entire Johnston property of the VT wind generation area has been cleared of turbines.

2.2.2 Current Use of Adjoining Properties
A similar concurrent use of grazing and/or wind energy generation is common on the adjoining properties.

2.3 USER-PROVIDED INFORMATION
Mr. Snehal Bhatt, Vice President of Asset Management for NDEC made arrangements for a site visit on May 9, 2013, and access was provided to the wind generation areas. Mr. MacDaniel returned to the subject property in May 23, 2013, to obtain access to the warehouse building and typical equipment shelters in the VT Area. Mr. Ed Ross, existing wind farm Supervisor for EDF Renewable Services (EDF), provided access to these buildings.

Mr. Bhattand Mr. Ross were questioned regarding the current property condition, and a standard questionnaire was completed. This disclosure of user information is in general accordance with Section 6 of ASTM Standard E 1527-05. Summarized results are provided below:

- No environmental liens or land use restrictions are presently in place on the Property
- According to Mr. Ross, no hazardous materials and/or wastes are currently used, stored or generated at the subject property)
- According to Mr. Ross, no recent small spill of hazardous material, associated with a turbine location, has occurred since EDF took over facility operations in August of 2012
- Facility personnel have no knowledge of obvious indicators of contamination on these Properties
2.3.1 Title Records

A new title search report was not performed as part of this Phase I Assessment Update. The most current title reports for these parcels are provided in the original Phase I report (Tetra Tech 2012, Appendix A).

2.3.2 Environmental Liens

Consistent with the scope of work for the assignment, Tetra Tech did not conduct an environmental lien search as part of this Phase I ESA Update.

2.3.3 Site Improvements

Site improvements were briefly noted in the introduction to this section, and are described in more detail here. Table 2 provides a tabulation of the individual types of improvements, which are described below. Project site maps provided in Figure 3 show the spatial distribution of these features.

**Turbines.** The exact count of turbines at the Sand Hill Wind facilities is not clear, but it is more than 300. The estimates provided in Table 2 for the individual areas are derived from turbine inventory/status lists provided in the original Phase I report (Tetra Tech 2012, Appendix D-3). These total 345 turbines which include Vestas, Enertech, Micon, Windmatic, and Polenko models.

**Pad-mount Transformers.** There are over 30 pad-mount transformers combined at the three Sand Hill project areas. The specific estimates provided in Table 2 were derived from the inventory of transformers provided in the original Phase I report (Tetra Tech 2012, Appendix D-2). The capacities of the pad-mount transformers range from 300 kilovolt-ampere (KVA) to 1,000 KVA and they hold between 143 gallons of oil and 385 gallons of oil. EDF could not say whether polychlorinated biphenyls (PCBs) are present in any of these transformers.

**Table 2. Site Improvements**

<table>
<thead>
<tr>
<th>Improvement/Activity</th>
<th>VT</th>
<th>AC</th>
<th>GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turbines</td>
<td>183</td>
<td>113</td>
<td>49</td>
</tr>
<tr>
<td>Padmount Transformers</td>
<td>20</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td>Substation Transformers</td>
<td>1&lt;sup&gt;(1)&lt;/sup&gt;</td>
<td>1&lt;sup&gt;(2)&lt;/sup&gt;</td>
<td>(2,452 gal.)</td>
</tr>
<tr>
<td>Maintenance Shop</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Boneyard</td>
<td>2</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

<sup>(1)</sup> Dyer Road Substation; off-site
<sup>(2)</sup> Shares AML Substation; off-site

**Maintenance Shops.** In addition to the warehouses and repair shop at the EDF office location (14740 Altamont Pass Road), a warehouse is also located on the Pombo parcel (see Figure 3a). It had reportedly been used previously as a maintenance shop, but it currently is used as a warehouse with no use, storage or generation of hazardous materials or wastes.
Boneyard. Accumulation locations (boneyards) for usable and unusable parts from the various wind turbines types are located within several project areas, including the VT and GB project areas. These locations are shown on Figures 3a and 3c and photographs are provided in Appendix B.
3.0 RECORDS REVIEW

The records review includes the results of the database search, review of physical setting, and investigation of historical uses of the Property and adjoining properties. The boundaries of the Property were provided to Environmental Data Resources, Inc. (EDR). The Property consists of multiple parcels located within an approximate 4-mile radius of a targeted center point; therefore the database search area was expanded from that center point to meet ASTM Standard requirements. Also included in this section are the results of an interview conducted with Mr. Ed Ross, EDF.

3.1 REGULATORY AGENCY DATABASE SEARCH

A search of readily available federal, state, regional, and local agency database listings was conducted by EDR. The EDR report is presented in Appendix A. As specified in Section 7.2.1 of ASTM Standard E 1527-05, government records from the sources listed below were reviewed for this assessment. In the subsections that follow, general information is provided in the box on the left about the specific source and an interpretation of available data on the areas under evaluation is provided in the box on the right.

Federal Sources:
- National Priorities List (NPL) within 1 mile;
- De-listed NPL site list within 1 mile;
- Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) within 0.5 mile;
- CERCLIS No Further Remedial Action Plan within 0.5 mile;
- Resource Conservation and Recovery Act (RCRA) Corrective Action Reports (CORRACTS) within 1 mile;
- RCRA non-CORRACTS treatment, storage, and disposal (TSD) facilities within 0.5 mile;
- RCRA generators list on the Property and adjoining properties;
- institutional control/engineering control registries on the Property;
- Emergency Response Notification System (ERNS) list on the Property; and
- mines master index file.

State of California Sources:
- State-equivalent CERCLIS sites within 1 mile;
- Landfills and/or solid waste disposal sites within 0.5 mile;
- State and tribal leaking underground storage tanks (LUST) list within 0.5 mile;
- State and tribal registered underground storage tank (UST) list on the Property and adjoining properties.
### 3.1.1 U.S. Environmental Protection Agency National Priorities List

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>The NPL identifies federal Superfund sites with the highest priority for cleanup.</td>
<td>There were no NPL sites identified on the Property or within 1 mile of the Property.</td>
</tr>
<tr>
<td>The NPL identifies federal Superfund sites with the highest priority for cleanup.</td>
<td>There were no de-listed NPL sites within 1 mile of the Property.</td>
</tr>
<tr>
<td>The National Oil and Hazardous Substances Pollution Contingency Plan establishes the criteria that the U.S. Environmental Protection Agency (EPA) uses to delete sites from the NPL. In accordance with 40 Code of Federal Regulations (CFR) 300.425 (e), sites may be deleted from the NPL where no further response is appropriate.</td>
<td></td>
</tr>
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### 3.1.2 EPA Comprehensive Environmental Response, Compensation, and Liability Information System

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>The CERCLIS list identifies sites the EPA has investigated or is in the process of investigating for potential hazardous substance contamination. A CERCLIS site may or may not become an NPL site.</td>
<td>There were no CERCLIS sites within 0.5 miles of the Property.</td>
</tr>
<tr>
<td>The ASTM Standard also requires the identification of CERCLIS No Further Remedial Action Planned (NFRAP) sites on the Property or adjoining properties.</td>
<td>There were no CERCLIS NFRAP sites on the Property or within 0.5 miles of the Property.</td>
</tr>
</tbody>
</table>

### 3.1.3 EPA Resource Conservation and Recovery Act Corrective Action Reports

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>The EPA tracks the status and filing of any corrective actions that have taken place at a facility.</td>
<td>No RCRA CORRACTS sites were identified within 1 mile of the Property.</td>
</tr>
<tr>
<td>The RCRA non-CORRACTS TSD facilities list shows those facilities where treatment, storage, and/or disposal of hazardous wastes takes place, and where corrective remedial action has not been required by EPA, as defined and regulated by RCRA.</td>
<td>There were no RCRA non-CORRACTS facilities within 0.5 mile of the Property.</td>
</tr>
</tbody>
</table>

### 3.1.4 Federal RCRA Generators List

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Federal RCRA Generators List includes information on facilities that generate, transport, store, treat, and/or dispose of hazardous wastes as defined and regulated by RCRA. This information is found in the RCRA Info database that has replaced the Resource Conservation and Recovery Information System.</td>
<td>There is one RCRA small quantity generator located on an adjacent property, across Mountain House Road. No violations have been reported with this site.</td>
</tr>
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### 3.1.5 Federal Institutional Control/Engineering Control Registries

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
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<tbody>
<tr>
<td>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. 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 affect human health.</td>
<td>There were no institutional controls identified for these Properties.</td>
</tr>
</tbody>
</table>
### 3.1.6 Federal Emergency Response Notification System List

| The Federal ERNS lists records and stores information on reported releases of oil and hazardous substances. | None of the Properties were listed on the ERNS list. |

### 3.1.7 Federal Mines Master Index List

| The mines file lists all mines active or open since 1971. | There were no mines listed on these Properties. |

### 3.1.8 State Hazardous Waste List (State-Equivalent CERCLIS)

| The historic Calsites database contains potential or confirmed hazardous substance release properties. This database has been replaced by ENVIROSTOR. | There were no sites listed on the Property in either the historical Calsites or updated ENVIROSTOR databases. |

### 3.1.9 State Landfills and/or Solid Waste Disposal Sites and Contaminated Sites

| Landfills and/or solid waste disposal sites are those sites that currently accept, or have accepted in the past, waste of any kind for disposal on site. | No such sites were identified within 0.5 mile of the Property. |

### 3.1.10 State and Tribal Leaking Underground Storage Tank Sites

| The California State Water Resources Control Board’s LUST list shows the sites containing one or more USTs that have been identified as having leaked or are potentially leaking their contents into the ground or groundwater. | There were three LUST sites identified by the database search as being within 0.5 mile of the Property. All three sites are at elevations lower than the Property areas located within 0.5 miles. |

### 3.1.11 State and Tribal Underground Storage Tank Sites

| The State Water Resources Control Board UST list identifies sites containing one or more USTs that have been identified as being located on the Property. | There were no USTs located on the Property. |

### 3.1.12 State Aboveground Storage Tank Sites

| Through the State Water Resources Control Board, the State Aboveground Storage Tank (AST) list contains sites of bulk fuel facilities, commercial fuel operations, private farm sites, and any other storage facility that meets the Department of Public Safety’s registration criteria of class I, II, or III petroleum product above 1,100 gallons. | There were no registered ASTs identified on the Property. |

### 3.1.13 State Spills Database

| The California Regional Quality Control Board’s Spills database reports data that is collected during the initial report of a spill incident. | There was no record of spills on the Property. |
### 3.1.14 State Land Use/Deed Restriction Listing

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program list represent deed restrictions that are active, with a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder’s office as a result of the presence of hazardous substances that remain on site after the facility has been closed or cleaned up.</td>
<td>The DTSC list did not contain any use restrictions on the Property.</td>
</tr>
</tbody>
</table>

### 3.1.15 Local Lists of Registered Storage Tanks

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local lists of registered storage tanks were also reviewed including the California Facility Inventory Database (CA FID), Statewide Environmental Evaluation and Planning System (SWEEPS), and Hazardous Substance Storage Container Database (HIST).</td>
<td>A review of the CA FID UST, SWEEPS UST, and HIST UST lists revealed one address that has had or currently has registered USTs within 0.25 mile of the Property. The property is registered to Emily Castello. A map showing the locations and address of the adjacent property is presented in the EDR report in Appendix B. Since there is no evidence of leaks or releases, there are no associated RECs with the registered USTs.</td>
</tr>
</tbody>
</table>

### 3.1.16 Orphan Sites

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certain sites are listed in the record search as orphan sites, and are not mapped in the database search because of inadequate information.</td>
<td>Thirty-three orphan sites were identified by EDR in various databases. After a brief review of the sites and available information, review of aerial imagery, and visual reconnaissance of the surrounding area, it was deemed unlikely that these orphan sites have the potential to affect the Property. A full review of the orphan sites was not included as part of this ESA.</td>
</tr>
</tbody>
</table>

### 3.2 PHYSICAL SETTING DESCRIPTION AND SOURCES

In Section 3.2.63 of the ASTM Standard E 1527-05, physical setting sources are defined as “sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a property.” Section 8.2.3 of that same standard requires that the current United States Geological Survey 7.5-Minute Topographic Map (or equivalent) be reviewed, provided it is reasonably ascertainable. Multiple topographic maps for the Property and surrounding area were reviewed in the original Phase I report, and are presented there (Tetra Tech 2012, Appendix C).

The Property is located in the Diablo Mountain Range approximately 10 miles northeast of the City of Livermore in eastern Alameda County. The Diablo Range, part of the Coast Range Province, is the drainage divide between the San Francisco Bay and San Joaquin Delta and forms the western margin of the San Joaquin Valley. The topography of the Property generally
consists of moderately sloping, smooth rounded hills. Elevations range from approximately 180 feet on the northeastern parcel to approximately 1160 feet on the southwestern parcel.

The underlying geology of the parcels located west of Midway Road consists of marine sandstones and shales of the Cretaceous-age Panoch Formation. The parcels located east of Midway Road and Mountain House Road consist of Miocene-age marine sandstones of the San Pablo Formation and Miocene-age Fanglomerate deposits. Records obtained from wells located near the southeastern parcel indicated that water levels were at approximately 5 to 20 feet below ground surface between years 1960 and 1970 (DWR 2011).

3.3 HISTORICAL USE OF THE PROPERTY

The historical uses of the Property were investigated by interviewing the current operators of the EDF Wind Generation Facility and assessing historical aerial photographs dating from 1949 to the present and topographic maps from 1907 to 1981. These sources were considered adequate given the nature of historical use of the Property, which has been rangeland up until its use as a windfarm in the late 1980’s. While the ASTM Standard for Phase I ESAs does not provide specific interview questions, the ASTM Standard for Transaction Screen Process (ASTM Standard E 1528-05) does. An interview with the former AES Director of Field Operations, Mr. Jim Hopper, was performed in 2012 as part of the original Phase I Assessment (Tetra Tech 2012, Appendix D).

The majority of the Property, going back to at least 1940, has been used as rangeland. Topographic maps from 1914 show a small structure on the north side of the AC Project that was likely a small ranch house. Photos from 1949 show a small structure at the northwest corner of the AC Project area, in the location of what is now the substation. It is not clear what the structure was used for but it may have been a residence or farming utility/storage building. Topographic maps from 1949 indicate a windmill on the westerly portion of the AC Project in the canyon area, which may have been installed to operate a well-pump to supply water to grazing animals. Altamont Road was constructed through the southerly end of VT Project site sometime prior to 1949. A transmission line was installed through the VT Project site between 1949 and 1953. During a period between 1958 and 1968, two of the parcels, AC and GB, were utilized for dry farming and during that same period transmission lines were installed through the VT, AC and GB Projects. Pipelines are also shown traversing the VT Project area in 1968 topographic maps. These are likely water supply lines fed from the nearby aqueducts. Several small cattle ponds are apparent on the VT Project site in 1974 topographic maps and continue to the present. Aerial photos from 1981 to 1982 indicate possible agricultural use on the AC Project area. The current wind farm facilities, now operated by EDF for NDEC were constructed in the late 1980’s.

In summary, the majority of the Property has been utilized as rangeland or for periodic dry farming since before 1940. In the late 1980’s, wind turbines were erected on the Property and since that time the Property has been utilized as a wind generating facility. The Operations Office, support shop, parts yard and AML substation were also constructed during development of the NDEC wind generating facility. Concurrent with wind generation, the property has continued to be utilized as rangeland due to existing lease agreements. Historical uses of the Property are documented in the aerial and topographic maps included in the original Phase I report (Tetra Tech 2012, Appendix C).
During this assessment update, Tetra Tech representatives were provided with records indicating nine separate clean-ups of gearbox oil on the Property between November 2007 and November 2011. Records indicated only hours billed for the cleanup efforts. Representatives also observed the recent use of herbicides around some of the transformer boxes for the purpose of weed abatement. No other indications of the use of hazardous substances within the Property was observed or reported.

3.4 HISTORICAL USE OF ADJOINING PROPERTIES

The majority of adjoining properties have historically been used as rangeland. Properties southwesterly adjacent but across Mountain House Road have been identified as sites with underground storage tanks, although there is no evidence of releases or leaks of hazardous chemicals or petroleum products into the environment.
4.0 SITE RECONNAISSANCE

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the Property. This includes a description of the exterior and interior of the site structures, when present and accessible, and the general site setting.

4.1 METHODOLOGY AND LIMITATIONS

The site reconnaissance was conducted by Tetra Tech representative Edward MacDaniel on May 9, 2013. Results of the records search of the Property were not available prior to the site visit. Tetra Tech was unaccompanied during the site visit which was conducted by a driving tour along access roads and walking specific stopping points within the individual properties.

4.2 SUMMARY OF OBSERVATIONS

Each of the three Properties is located without adjoining borders to any of the other areas, and all have entrances either directly off of Altamont Pass Road, or a short distance from Altamont Pass Road (Figure 2). The land for each area is rolling hills with subdued relief (less than 1,000 feet in most areas). Except for the wind energy development, there are few improvements to these properties. Regional transmission lines do traverse the region, and several of these transmission cross these project areas. Table 3 summarizes the site reconnaissance observations; no RECs were identified at any of the Properties visited. Photographs have been included in Appendix B.

Table 3. Summary of Site Reconnaissance Observations

<table>
<thead>
<tr>
<th>Observation</th>
<th>Observed</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structures (existing)</td>
<td></td>
<td>VT – Turbines, pad-mounted transformers, controller shacks, controller boxes, overhead electric lines, and a maintenance and storage facility.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AC – Turbines, pad-mounted transformers, controller shacks, controller boxes, and overhead electric lines.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GB – Turbines, pad-mounted transformers, controller shacks, controller boxes, and overhead electric lines.</td>
</tr>
<tr>
<td>Structures (evidence of former)</td>
<td>X</td>
<td>VT – Abandoned wooden/modular structure (see Photo No. 12)</td>
</tr>
<tr>
<td>ASTs</td>
<td>X</td>
<td>Several ASTs containing emergency water supply for fire-fighting.</td>
</tr>
<tr>
<td>USTs or Evidence of USTs</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Drums or Other Containers</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Chemicals or Hazardous Materials (other than de-minimis quantities)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Evidence of Leaks, Spills, or Releases Around ASTs, USTs, and/or Chemical Storage Areas</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>On-site Septic System</td>
<td>X</td>
<td>No visible evidence</td>
</tr>
</tbody>
</table>
### 4.3 EXTERIOR OBSERVATIONS

The project areas consist primarily of open rolling hills with grassland as the primary vegetation and grazing as the primary use along with wind energy generation. A fairly heavy concentration of older turbines (Vestas, Enertech, Micon, Windmatic, and Polenko models) is located on these project areas along with a number of pad-mounted transformers. The AES operations are clean, with a few small areas (relative to the size of the project areas) of spare parts and debris accumulation in the VT and GB project areas.

<table>
<thead>
<tr>
<th>Observation</th>
<th>Observed</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sewage Disposal System</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Potable Water Supply</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Discolored or Stained Soil or Vegetation Potentially from Hazardous Substances</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Hazardous Waste Disposal Areas</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Uncontained Debris, Refuse or Unidentified Waste Materials</td>
<td>X</td>
<td>Several “Boneyards” containing various types of used turbine parts including blades, nacelle covers, generators or parts thereof, as well as debris with composite materials, metal, and wood. Specific locations included the VT (2), and GB (1) Areas.</td>
</tr>
<tr>
<td>Standing Water or other Liquids</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Catch Basins and Stormwater Drainage</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Pits/Ponds/Lagoons</td>
<td>X</td>
<td>Several stock watering ponds are visible in the aerial photos of these properties, but not all were visited nor are they considered potentially contaminated. One such pond is located just north of Altamont Pass Road on the Ralph 1 parcel (see Photo No. 25).</td>
</tr>
<tr>
<td>Waste or Wastewater Discharges</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Unusual Odors</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Stressed Vegetation</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Fill Material</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Water Wells</td>
<td>X</td>
<td>No wells were observed during the site visit, but the subsequent questionnaire for the original report (Tetra Tech 2012, Appendix D-6) indicated there are two existing wells.</td>
</tr>
<tr>
<td>Pad-Mounted Transformers</td>
<td>X</td>
<td>Over 30 pad-mounted transformers are present on the site; see Table 2 and Figure 3.</td>
</tr>
<tr>
<td>Pole-Mounted Transformers</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Other Observations</td>
<td>X</td>
<td>Vegetation clearing around pad-mounted transformer locations and other potential spark-producing equipment was noted and questioned. AES noted that a service is engaged to apply herbicide around these features on an annual basis. No further information was available, including any details of what herbicides are applied or the quantities used.</td>
</tr>
</tbody>
</table>
There are six general types of operational activities that were identified which have the potential to produce environmental contamination, as described below, though none appear to cause any realistic concern for such contamination or additional cleanup.

1. **Boneyards.** Locations for spare parts that end up storing unusable materials, mostly turbine blades, nacelles, generators, and broken parts. These locations did not appear to contain any hazardous materials or waste, mostly metal and composite parts/pieces. Boneyards were noted in the VT and GB project areas.

2. **Storage Locations.** No hazardous materials or wastes storage was observed on the subject property.

3. **Herbicide Applications.** Because of a county-required fire management program, EDF contracts with an outside service to apply herbicides around specified locations (transformers, riser poles, other equipment poles, etc.) to keep vegetation limited. Applications are once per year, the name of the outside service was not available nor the type(s) and quantities of herbicide applied.

4. **Transformers.** Each project area contains pad-mounted transformers for a variable number of turbines, and each transformer contains a variable amount of oil. No confirmation for the presence or absence of PCBs in any transformer oils, however no records of any transformer leaks were available.

5. **Turbine Failure.** No spills have been reported (according to Mr. Ross with EDF) since EDF began oversight (for NDEC) of the facility operations in August of 2012.

6. **Substations.** Three substations are in place to serve the three project area locations of the NDEC Altamont facilities, each with a larger transformer (than the smaller pad-mounted variety) that contains between 2,400 gallons of oil to 8,800 gallons. No substation transformer leaks were reported at these facilities.

### 4.4 INTERIOR OBSERVATIONS

The warehouse in the Venture portion of the VT project area was inspected. This facility includes an area inside of the large metal building that was a permitted hazardous waste accumulation area at the time of the 2011 site visit. Reportedly, hazardous materials and/or wastes are no longer stored, used and/or generated at this facility. No evidence of the former use, storage or generation areas or of spills or leaks was noted in the building.

A small controller building at the VT site was also inspected; it was clean and contained only the turbine controller boxes that were wall-mounted, with no stored materials or supplies (hazardous or other) on the floor. Not all similar buildings were inspected; this one was randomly selected.
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5.0 RESULTS OF ASSESSMENT

In general, the Phase I ESA Update found no environmental concerns, and the operations of the facility appear to be in compliance with applicable regulations for handling the types and quantities of hazardous materials and wastes that were identified. The qualifications for the environmental professionals responsible for performing and overseeing the completion of this Phase I ESA are provided in Appendix C.

5.1 HAZARDOUS SUBSTANCES IN CONNECTION WITH IDENTIFIED USES

The following hazardous substances or activities requiring the use of hazardous substances were observed on the Property.

- **Transformer oil.** Transformers are used throughout the project areas, for interconnect substations and for pad-mounted transformers each of which services a subset of individual wind turbines. Three interconnect substations are operated in connection with the wind energy generation of these project areas, and they contain a total of 14,851 gallons of oil. A variable number of pad-mounted transformers are used at the individual project areas. According to data previously provided (Tetra Tech 2012, see Appendix D-2) a total of 61 pad-mounted transformers are in use among all of the project areas, and these transformers contain a total of 17,691 gallons of oil. No records were available to confirm the presence or absence of PCBs in any of the larger interconnect substation transformers or the smaller pad-mounted transformers.

- **Herbicides.** Use of herbicides was identified around key parts of the electrical collection and transfer systems for these project areas. A specific accounting of all locations where herbicides were applied was not provided, and therefore is not included in this report. Applications are made once per year by a service contracted by EDF; details were not available on the company providing this service or the types and amounts of herbicides that are applied.

In addition, each turbine uses a small amount of gearbox oil (which is generally less than 10 gallons for these turbines), and leaks or failures occur; however, no spills were reported as having occurred since EDF took over operation of the facility.

5.2 STORAGE TANKS AND WELLS

A number of above-ground storage tanks were identified at the Property during the site evaluation. All of these are used to store water for fire-fighting emergencies. No other above-ground or underground storage tanks were identified, during either the original or current site evaluation or in the Key Site Manager Questionnaire of the original Phase I report (Tetra Tech 2012, Appendix D-6).

No wells were identified during the current site evaluation.
5.3 **INDICATIONS OF SOLID WASTE**

Although the three identified boneyards located among these project areas clearly contain discarded and unusable materials (i.e. trash) these areas are not intended as permanent disposal areas for solid waste. No hazardous materials, such as drums containing liquids, were identified.

No other declared or identified areas were discovered among the four project areas which could be considered as disposal areas for solid wastes.

5.4 **BUSINESS ENVIRONMENTAL RISK**

Section 3.2.11 of ASTM Standard E 1527-05 defines business environmental risk as “risk which can have a material, environmental, or environmentally-driven impact on the business associated with the current or planned use of a parcel.”

Based on the field review of these project areas, the records review of the environmental database, and the information provided by NDEC, it is unlikely that the Property poses a business environmental risk. However, business environmental risk could also result from any of the out-of-scope items identified in Section 1.2 of this report.

5.5 **HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS**

Section 3.2.39 of ASTM Standard E 1527-05 defines historical recognized environmental conditions as an “environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently.” An example of this is a UST site that has received a notice of “closed in place” from the regulating body.

Given the historical use of herbicides and pesticides on parts of these project areas there is potential for accumulation in soils. However, there is no evidence of inappropriate use of herbicides or any other chemicals, or their disposal within these project areas. Therefore, Tetra Tech believes that any historic use should be considered a *de minimis* condition as defined by ASTM 1527-05 (“conditions that generally do not present a threat to human health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies”). At this time, there are no historical RECs identified on the Property.

5.6 **MATERIAL THREATS**

Section 3.2.52 of ASTM Standard E 1527-05 defines a material threat as a “physically observable or obvious threat, which is reasonably likely to lead to a release that, in the opinions of the environmental professional, is threatening and might result in impact to public health or the environment.”

At the time the site reconnaissance was conducted, no obvious items that might pose as material threat were observed.
6.0 FINDINGS AND CONCLUSIONS

Tetra Tech conducted a Phase I ESA Update of the three NDEC wind energy project areas located in the Altamont Pass area of eastern Alameda County, California. The purpose of the ESA was to collect and interpret readily available data to evaluate “recognized environmental conditions,” if any, associated with these project areas. The results of this ESA Update represent a review of current conditions, based on reasonably ascertainable information and visual site observations as described herein.

The area examined in this study includes approximately 1,350 acres of grazed land where commercial-scale wind energy production has been a secondary use for over 20 years. None of the individual parcels associated with these project areas was listed on the databases searched by EDR. No RECs were identified at these properties, or within the vicinity of these properties from database searches, historical information, or the site reconnaissance.

6.1 LIMITATIONS AND EXCEPTIONS OF ASSESSMENTS

This report was prepared for the sole use of NDEC pursuant to their requirements provided to Tetra Tech. The scope of work and the findings should not be considered suitable for other potential users, and any use by other parties shall be at their sole risk.

This report is based on a review of the limited data, as described herein, in accordance with generally accepted professional practices, applicable to work of similar nature and complexity at similar localities, at the time the services were performed. No warranty, express or implied, is made. The scope of this report is limited in nature and intended to provide a preliminary evaluation of the current conspicuous environmental conditions at the site at the time of the report and does not constitute definitive or in-depth review of all the potential environmental impairments and situations. Review of soil conditions underlying the accumulated materials in boneyards is not possible until the materials are cleared and an unobstructed view of the ground surface is possible. Tetra Tech assumes no responsibility for conditions of which it is unaware and/or as to which there was no opportunity or request for review.

It is important to recognize that even the most comprehensive scope of services may not detect all the environmental liabilities at a particular site. Therefore, nothing herein shall be construed as a representation or certification that the site is either fully characterized or is free of environmental impairments and/or contamination.

To conduct the investigation for this report, Tetra Tech relied upon the available information described earlier. Unless explicitly included in our scope, there was no verification of the accuracy or completeness of the documentation or data received, nor an evaluation of possible withholding of information by the interviewees, agencies, or other parties; (please also refer to the EDR Disclaimer in Appendix B).
7.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

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

Prepared by:

D. Edward MacDaniel
Qualified Environmental Professional
Environmental Professional
Tetra Tech, Inc.

Derrick Coleman, Ph.D.
Qualified Environmental Professional
Senior Project Manager
Tetra Tech, Inc.
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8.0 REFERENCES

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FIGURES
Legend

- Project Parcels
- Wind Turbine Locations
- Removed Wind Turbines
- MET Towers
- Transformers
- USGS 24K Boundary
- AES Buildings
- Substations

Note: Turbine and pad-mounted transformer locations shown on these maps were taken from a GIS file provided to Tetra Tech. Some of these locations no longer have active turbines or transformers present, as indicated on the maps provided by AES (included in Appendix D-1).
FIGURE 2b
SITE FEATURES

Legend
- Substation
- MET Towers
- Transformers
- Wind Turbine Locations
- Removed Wind Turbines
- Entrance Gate (Gate)

Transmission Lines
- 100-161 kV Transmission Line
- 230-287 kV Transmission Line
- 500 kV Transmission Line
- DC Line

AES Buildings
- Interconnect Substations
- Project Parcels

Note: Turbine and pad-mounted transformer locations shown on these maps were taken from a GIS file provided to Tetra Tech. Some of these locations no longer have active turbines or transformers present as indicated on the maps provided by AES (included in Appendix D-1).

Legend:
- Substation
- MET Towers
- Transformers
- Wind Turbine Locations
- Removed Wind Turbines
- Entrance Gate (Gate)

Transmission Lines:
- 100-161 kV Transmission Line
- 230-287 kV Transmission Line
- 500 kV Transmission Line
- DC Line

AES Buildings
- Interconnect Substations
- Project Parcels

Note: Turbine and pad-mounted transformer locations shown on these maps were taken from a GIS file provided to Tetra Tech. Some of these locations no longer have active turbines or transformers present as indicated on the maps provided by AES (included in Appendix D-1).
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Legend

- Project Parcels
- MET Towers
- Transformers
- Wind Turbine Locations
- Removed Wind Turbines
- Entrance Gate (Gate)
- BoneYard
- 230-287 kV Transmission Line
- 500 kV Transmission Line

FIGURE 3c
GRIFFITH PARCELS

Note: Turbine and pad-mounted transformer locations shown on these maps were taken from a GIS file provided to Tetra Tech. Some of these locations no longer have active turbines or transformers present, as indicated on the maps provided by AES (included in Appendix D-1).
APPENDIX A

EDR ENVIRONMENTAL DATA SUMMARY
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Sand Hill
Altamont Pass Rd/W. Grant Line Road
Tracy, CA 95391

Inquiry Number: 3586862.1s
April 24, 2013

The EDR Radius Atlas™ with GeoCheck®
Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.
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**

ALTAMONT PASS RD/W. GRANT LINE ROAD  
TRACY, CA 95391

**COORDINATES**

- Latitude (North): 37.7471000 - 37˚ 44’ 49.56’’  
- Longitude (West): 121.6063000 - 121˚ 36’ 22.68’’  
- Universal Tranverse Mercator: Zone 10  
- UTM X (Meters): 622788.2  
- UTM Y (Meters): 4178465.0  
- Elevation: 401 ft. above sea level

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

- Target Property Map: 37121-F5 MIDWAY, CA  
  Most Recent Revision: 1980

- North Map: 37121-G5 CLIFTON COURT FOREBAY, CA  
  Most Recent Revision: 1978

**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:

**STANDARD ENVIRONMENTAL RECORDS**

*Federal NPL site list*

NPL_________________________ National Priority List  
Proposed NPL__________________ Proposed National Priority List Sites
EXECUTIVE SUMMARY

NPL LIENS. Federal Superfund Liens

**Federal Delisted NPL site list**
Delisted NPL. National Priority List Deletions

**Federal CERCLIS list**
CERCLIS. Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY. Federal Facility Site Information listing

**Federal CERCLIS NFRAP site List**
CERC-NFRAP. CERCLIS No Further Remedial Action Planned

**Federal RCRA CORRACTS facilities list**
CORRACTS. Corrective Action Report

**Federal RCRA generators list**
RCRA-LQG. RCRA - Large Quantity Generators
RCRA-CESQG. RCRA - Conditionally Exempt Small Quantity Generator

**Federal institutional controls / engineering controls registries**
US ENG CONTROLS. Engineering Controls Sites List
US INST CONTROL. Sites with Institutional Controls
LUCIS. Land Use Control Information System

**Federal ERNS list**
ERNS. Emergency Response Notification System

**State- and tribal - equivalent NPL**
RESPONSE. State Response Sites

**State and tribal leaking storage tank lists**
INDIAN LUST. Leaking Underground Storage Tanks on Indian Land

**State and tribal registered storage tank lists**
AST. Aboveground Petroleum Storage Tank Facilities
INDIAN UST. Underground Storage Tanks on Indian Land
FEMA UST. Underground Storage Tank Listing

**State and tribal voluntary cleanup sites**
INDIAN VCP. Voluntary Cleanup Priority Listing

**ADDITIONAL ENVIRONMENTAL RECORDS**

**Local Brownfield lists**
US BROWNFIELDS. A Listing of Brownfields Sites
EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ........................................ Open Dump Inventory
DEBRIS RÉGION 9 ..................... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY ....................................... Recycler Database
HAULERS ................................ Registered Waste Tire Haulers Listing
INDIAN ODI .............................. Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ........................................ Clandestine Drug Labs
HIST Cal-Sites ......................... Historical Calsites Database
SCH ................................................... School Property Evaluation Program
Toxic Pits .................................. Toxic Pits Cleanup Act Sites
CDL ..................................................... Clandestine Drug Labs
US HIST CDL .......................... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ......................................... CERCLA Lien Information
LIENS ........................................... Environmental Liens Listing
DEED .............................................. Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ........................................... Hazardous Materials Information Reporting System
CHMIRS ........................................... California Hazardous Material Incident Report System
LDS ................................................... Land Disposal Sites Listing
MCS ................................................... Military Cleanup Sites Listing

Other Ascertenable Records

DOT OPS ................................. Incident and Accident Data
DOD ............................................ Department of Defense Sites
FUDS .............................................. Formerly Used Defense Sites
CONSENT ................................... Superfund (CERCLA) Consent Decrees
ROD .................................................. Records Of Decision
UMTRA ......................................... Uranium Mill Tailings Sites
US MINES ...................................... Mines Master Index File
TRIS .............................................. Toxic Chemical Release Inventory System
TSCA ............................................. Toxic Substances Control Act
FTTS ............................................. FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS .................................. FIFRA/TSCA Tracking System Administrative Case Listing
SSTS .............................................. Section 7 Tracking Systems
ICIS .............................................. Integrated Compliance Information System
PADS .......................................... PCB Activity Database System
MLTS ............................................. Material Licensing Tracking System
RADINFO ..................................... Radiation Information Database
FINDS ......................................... Facility Index System/Facility Registry System
RAATS ....................................... RCRA Administrative Action Tracking System
CA BOND EXP. PLAN .................. Bond Expenditure Plan
NPDES ........................................... NPDES Permits Listing
Cortese ...................................... "Cortese" Hazardous Waste & Substances Sites List
EXECUTIVE SUMMARY

Notify 65 Proposition 65 Records
DRYCLEANERS Cleaner Facilities
WIP Well Investigation Program Case List
ENF Enforcement Action Listing
HAZNET Facility and Manifest Data
EML Emissions Inventory Data
INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
WDS Waste Discharge System
Financial Assurance Financial Assurance Information Listing
PCB TRANSFORMER PCB Transformer Registration Database
PROC Certified Processors Database
MWMP Medical Waste Management Program Listing
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
HWT Registered Hazardous Waste Transporter Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners EDR Exclusive Historic Dry Cleaners

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.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 02/12/2013 has revealed that there is 1 RCRA-TSDF site within approximately 3.5 miles of the target property.
Federal RCRA generators list

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 02/12/2013 has revealed that there are 2 RCRA-SQG sites within approximately 3.25 miles of the target property.

State- and tribal - equivalent CERCLIS

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 03/13/2013 has revealed that there are 2 ENVIROSTOR sites within approximately 4 miles of the target property.
State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board’s Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 02/18/2013 has revealed that there are 2 SWF/LF sites within approximately 3.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASTE MANAGEMENT OF ALAMEDA CO</td>
<td>10840 ALTAMONT PASS RD</td>
<td>WNW &gt;2 (3.085 mi.)</td>
<td>C12</td>
<td>44</td>
</tr>
<tr>
<td>Lower Elevation</td>
<td>Address</td>
<td>Direction / Distance</td>
<td>Map ID</td>
<td>Page</td>
</tr>
<tr>
<td>UC DAVIS FISH CONSERVATION &amp; C</td>
<td>5280 BRUNS RD</td>
<td>N &gt;2 (3.492 mi.)</td>
<td>18</td>
<td>73</td>
</tr>
</tbody>
</table>

State and tribal leaking storage tank lists

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 03/18/2013 has revealed that there are 3 LUST sites within approximately 3.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASTE MANAGEMENT OF ALAMEDA CO</td>
<td>10840 ALTAMONT PASS RD</td>
<td>WNW &gt;2 (3.085 mi.)</td>
<td>C12</td>
<td>44</td>
</tr>
<tr>
<td>USA WINDPOWER</td>
<td>17350 PATTERSON PASS RD</td>
<td>SE &gt;2 (3.169 mi.)</td>
<td>15</td>
<td>70</td>
</tr>
<tr>
<td>Lower Elevation</td>
<td>Address</td>
<td>Direction / Distance</td>
<td>Map ID</td>
<td>Page</td>
</tr>
<tr>
<td>SHELL OIL CO - SCHROPP FARMS</td>
<td>3880 MOUNTAIN HOUSE RD</td>
<td>NNE &gt;2 (3.084 mi.)</td>
<td>10</td>
<td>41</td>
</tr>
</tbody>
</table>

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

A review of the SLIC list, as provided by EDR, and dated 03/18/2013 has revealed that there are 5 SLIC sites within approximately 3.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOW WIND PARK</td>
<td>12050 ALTAMONT PASS ROA</td>
<td>W 1 - 2 (1.877 mi.)</td>
<td>4</td>
<td>34</td>
</tr>
<tr>
<td>AQUACHLOR</td>
<td>15885 ALTAMONT PASS</td>
<td>ESE 1/2 - 1 (0.833 mi.)</td>
<td>1</td>
<td>32</td>
</tr>
<tr>
<td>BYRON POWER COMPANY</td>
<td>4901 BRUNS RD</td>
<td>N &gt;2 (2.983 mi.)</td>
<td>8</td>
<td>39</td>
</tr>
</tbody>
</table>
Alameda County CS: 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 groundwater contamination from leaking petroleum USTs).

A review of the Alameda County CS list, as provided by EDR, and dated 01/16/2013 has revealed that there are 5 Alameda County CS sites within approximately 3.5 miles of the target property.

State and tribal registered storage tank lists

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 03/18/2013 has revealed that there is 1 UST site within approximately 3.25 miles of the target property.

State and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 03/13/2013 has revealed that there is 1 VCP site within approximately 3.5 miles of the target property.
ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 3.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALTAMONT LF/RESOURCE RECOVERY</td>
<td>10840 ALTAMONT PASS ROA</td>
<td>WNW &gt;2 (3.085 mi.)</td>
<td>C11</td>
<td>43</td>
</tr>
</tbody>
</table>

Local Lists of Registered Storage Tanks

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 is 1 CA FID UST site within approximately 3.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASTE MANAGEMENT OF ALAMEDA CO</td>
<td>10840 ALTAMONT PASS RD</td>
<td>WNW &gt;2 (3.085 mi.)</td>
<td>C12</td>
<td>44</td>
</tr>
</tbody>
</table>

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 3 HIST UST sites within approximately 3.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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<tbody>
<tr>
<td>WASTE MANAGEMENT OF ALAMEDA CO</td>
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<td>44</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMILY CASTELLO</td>
<td>2681 MOUNTAIN HOUSE RD</td>
<td>ENE 1 - 2 (1.717 mi.)</td>
<td>A2</td>
<td>32</td>
</tr>
<tr>
<td>MARIE M RAYHER</td>
<td>19822 W GRANT LINE RD</td>
<td>ENE &gt;2 (2.955 mi.)</td>
<td>B6</td>
<td>35</td>
</tr>
</tbody>
</table>

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 2 SWEEPS UST sites within approximately 3.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALTAMONT LANDFILL</td>
<td>10840 ALTAMONT LANDFILL</td>
<td>WNW &gt;2 (3.085 mi.)</td>
<td>C14</td>
<td>69</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOUNTAIN HOUSE SCHOOL</td>
<td>3950 MOUNTAIN HOUSE RD</td>
<td>NNE &gt;2 (3.203 mi.)</td>
<td>16</td>
<td>71</td>
</tr>
</tbody>
</table>
Other Ascertaintable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/12/2013 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 3.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAKLAND SCAVENGER CO ALTAMONT</td>
<td>10840 ALTAMONT PASS ROA</td>
<td>WNW &gt;2 (3.085 mi.)</td>
<td>C13</td>
<td>66</td>
</tr>
<tr>
<td>M AND T SOUZA</td>
<td>19720 W GRANT LINE RD</td>
<td>ENE &gt;2 (3.022 mi.)</td>
<td>B9</td>
<td>39</td>
</tr>
</tbody>
</table>

HIST 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 [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 3.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASTE MANAGEMENT OF ALAMEDA CO USA WINDPOWER</td>
<td>10840 ALTAMONT PASS RD</td>
<td>WNW &gt;2 (3.085 mi.)</td>
<td>C12</td>
<td>44</td>
</tr>
<tr>
<td>SHELL OIL CO - SCHROPP FARMS</td>
<td>3880 MOUNTAIN HOUSE RD</td>
<td>NNE &gt;2 (3.084 mi.)</td>
<td>10</td>
<td>41</td>
</tr>
</tbody>
</table>

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

A review of the CONTRA COSTA CO. SITE LIST list, as provided by EDR, and dated 11/27/2012 has revealed that there is 1 CONTRA COSTA CO. SITE LIST site within approximately 3.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BYRON POWER COMPANY</td>
<td>4901 BRUNS RD</td>
<td>N &gt;2 (2.983 mi.)</td>
<td>8</td>
<td>39</td>
</tr>
</tbody>
</table>

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 02/25/2013 has revealed that there is 1 HWP site within approximately 4 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
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<th>Map ID</th>
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<td>WASTE MANAGEMENT OF ALAMEDA CO</td>
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<td>WNW &gt;2 (3.085 mi.)</td>
<td>C12</td>
<td>44</td>
</tr>
</tbody>
</table>
Due to poor or inadequate address information, the following sites were not mapped. Count: 28 records.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISCOVERY BAY WWTP</td>
<td>NPDES, Cortese, ENF</td>
</tr>
<tr>
<td>SAND MATERIAL SITE</td>
<td>ENF, WDS</td>
</tr>
<tr>
<td>CHEVRON</td>
<td>HIST CORTESE</td>
</tr>
<tr>
<td>CHEVRON #9-7127</td>
<td>LUST, Alameda County CS</td>
</tr>
<tr>
<td>UNION CEMETERY</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>CA STATE SKINNER FISH FACILITY</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>BORDEN JUNCTION GARAGE</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>SAN ANTOINE VALLEY RANCH CORP.</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>BRANN STREET MERCURY</td>
<td>HIST UST, CHERMS</td>
</tr>
<tr>
<td>PG&amp;E GAS PLANT LIVERMORE</td>
<td>CERCLIS</td>
</tr>
<tr>
<td>CALIFORNIA WATER SERV WELL #10-01</td>
<td>CERC-NFRAP</td>
</tr>
<tr>
<td>LAWRENCE LIVERMORE NATIONAL LABORA</td>
<td>CERC-NFRAP</td>
</tr>
<tr>
<td>CHEVRON</td>
<td>SWF/LF</td>
</tr>
<tr>
<td>JOHN F. SKINNER FISH FACILITY</td>
<td>LUST</td>
</tr>
<tr>
<td>DELTA FIELD DIVISION-MOBILE EQ</td>
<td>HIST UST</td>
</tr>
<tr>
<td>BETHANY STATION</td>
<td>HIST UST</td>
</tr>
<tr>
<td>SHELL MOUNTAIN HOUSE PIPELINE</td>
<td>HIST UST</td>
</tr>
<tr>
<td>STATE CA/DWR/DELTA FLD DIV</td>
<td>SLIC, HIST UST</td>
</tr>
<tr>
<td>CHEVRON PIPELINE</td>
<td>RCRA-SOG, FINDS</td>
</tr>
<tr>
<td>CHEVERON PIPELINE- GRANT LINE</td>
<td>SLIC</td>
</tr>
<tr>
<td>PROPOSED MOUNTAIN HOUSE HIGH SCHOOL</td>
<td>SCH, ENVIROSTOR</td>
</tr>
<tr>
<td>AGUIAR, ERNEST</td>
<td>CONTRA COSTA CO. SITE LIST</td>
</tr>
<tr>
<td>KRUMLAUD AND COWAN</td>
<td>CONTRA COSTA CO. SITE LIST</td>
</tr>
<tr>
<td>PERKINS, STERRETT T</td>
<td>CONTRA COSTA CO. SITE LIST</td>
</tr>
<tr>
<td>BORDEN JUNCTION GARAGE</td>
<td>CONTRA COSTA CO. SITE LIST</td>
</tr>
<tr>
<td>CA STATE SKINNER FISH FACILITY</td>
<td>CONTRA COSTA CO. SITE LIST</td>
</tr>
<tr>
<td>BROWN SAND INC.</td>
<td>EMI</td>
</tr>
</tbody>
</table>
## MAP FINDINGS SUMMARY

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STANDARD ENVIRONMENTAL RECORDS</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td>Federal NPL site list</td>
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## MAP FINDINGS SUMMARY

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**State and tribal registered storage tank lists**

- UST: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 1
- AST: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- INDIAN UST: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- FEMA UST: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0

**State and tribal voluntary cleanup sites**

- VCP: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 1
- INDIAN VCP: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

- US BROWNFIELDS: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0

#### Local Lists of Landfill / Solid Waste Disposal Sites

- ODI: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- DEBRIS REGION 9: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- WMUDS/SWAT: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- SWRCY: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- Haulers: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0
- INDIAN ODI: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0

#### Local Lists of Hazardous waste / Contaminated Sites

- US CDL: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0
- HIST Cal-Sites: 4.000, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- SCH: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- Toxic Pits: 4.000, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- CDL: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0
- US HIST CDL: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0

#### Local Lists of Registered Storage Tanks

- CA FID UST: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- HIST UST: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0
- SWEEPS UST: 3.250, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0

#### Local Land Records

- LIENS 2: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0
- LIENS: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0
- DEED: 3.500, Target Property: 0, < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: 0, Total Plotted: 0

#### Records of Emergency Release Reports

- HMIRS: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0
- CHMIRS: TP, Target Property: NR, < 1/8: NR, 1/8 - 1/4: NR, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total Plotted: 0
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**Other Ascertainable Records**

- **RCRA NonGen / NLR**: 3.250
- **DOT OPS**: 4.000
- **DOD**: 4.000
- **FUDS**: 4.000
- **CONSENT**: 4.000
- **ROD**: 4.000
- **UMTRA**: 3.500
- **US MINES**: 3.250
- **TRIS**: 3.000
- **TSCA**: 3.000
- **FTTS**: 3.000
- **HIST FTTS**: 3.000
- **SSTS**: 3.000
- **ICIS**: 3.000
- **PADS**: 3.000
- **MLTS**: 3.000
- **RADIOINFO**: 3.000
- **FINDS**: 3.000
- **RAATS**: 3.000
- **CA BOND EXP. PLAN**: 4.000
- **NPDES**: 3.500
- **HIST CORTESE**: 3.500
- **CONTRA COSTA CO. SITE LIST**: 3.500
- **Notify 65**: 4.000
- **DRCLEANERS**: 3.250
- **WIP**: 3.250
- **ENF**: 3.250
- **HAZNET**: 3.250
- **EMI**: 3.250
- **INDIAN RESERV**: 4.000
- **SCRD DRYCLEANERS**: 3.500
- **WDS**: 3.500
- **Financial Assurance**: 3.500
- **PCB TRANSFORMER**: 3.500
- **PROC**: 3.500
- **MWMP**: 3.250
- **COAL ASH DOE**: 3.500
- **COAL ASH EPA**: 3.500
- **HWT**: 3.250
- **HWP**: 4.000

**EDR HIGH RISK HISTORICAL RECORDS**

**EDR Exclusive Records**

- **EDR MGP**: 4.000
### MAP FINDINGS SUMMARY

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**NOTES:**
- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
1 AQUACLOR
ESE 15885 ALTAMONT PASS
TRACY, CA 95391
SLIC Alameda County CS S108245908

1/2-1 0.833 mi.
4399 ft.
Distance Elevation
EDR ID Number Database(s) EPA ID Number

Relative: Lower
Actual: 313 ft.

SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 09/13/2006
Global Id: T06019781960
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0002927
Latitude: 37.742143
Longitude: -121.594086
Case Type: Cleanup Program Site
Case Worker: SP
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01S0661
File Location: Stored electronically as an E-file
Potential Media Affected: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Alameda County CS:
Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0002927
PE: 5502
Status: Preliminary Site Assessment Underway
Record Id: RO0002927
PE: 5502
Status: Case Closed
Record Id: RO0002927
PE: 5502

HIST UST U001608449
A2 EMILY CASTELLO
ENE 2681 MOUNTAIN HOUSE RD
TRACY, CA 95376
HIST UST:
Region: STATE
Facility ID: 00000058932
Facility Type: Not reported
Other Type: Not reported
Total Tanks: 0001
Contact Name: Not reported
Telephone: 2098354084
Owner Name: EMILY CASTELLO
Owner Address: 2681 MT. HOUSE RD
Owner City,St,Zip: TRACY, CA 95376

Tank Num: 001
Container Num: 1

Site 1 of 2 in cluster A

9067 ft. 1.717 mi.
Relative: Lower
Actual: 202 ft.

TC3586862.1s Page 32
EMILY CASTELLO (Continued)

Year Installed: 1960
Tank Capacity: 00000350
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

RCRA-SQG: 1000224036
FINDS: CAD981667504

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: FAYETTE MANUFACTURING
Facility address: 2670 MOUNTAIN HOUSE RD
TRACY, CA 95376
EPA ID: CAD981667504
Mailing address: 7675 W ELEVEN ST
TRACY, CA 95376
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: FAYETTE MANUFACTURING
Owner/operator address: NOT REQUIRED
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
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
FAYETTE MANUFACTURING (Continued)

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

Historical Generators:
- Date form received by agency: 10/21/1986
- Facility name: FAYETTE MANUFACTURING
- Classification: Large Quantity Generator
- Violation Status: No violations found

FINDS:
- Registry ID: 110002743229

Environmental Interest/Information System
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.

SLIC: S102021591

4  FLOW WIND PARK
West 12050 ALTAMONT PASS ROAD
> 1 4
1.877 mi. 1.877
9911 ft. 9911 ft.

Relative: Higher
Actual: 552 ft.

SLIC:
- Region: STATE
- Facility Status: Open - Inactive
- Status Date: 03/30/1996
- Global Id: SLT5S1383178
- Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
- Lead Agency Case Number: Not reported
- Latitude: 37.7428071227709
- Longitude: -121.43183402332
- Case Type: Cleanup Program Site
- Case Worker: ZZZ
- Local Agency: Not reported
- RB Case Number: SLT5S138
- File Location: Not reported
FLOW WIND PARK (Continued)

Potential Media Affected: Soil, Under Investigation
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 5:
Region: 5
Facility Status: PA
Unit: Facility is a Spill or site
Pollutant: TPH
Lead Agency: Not reported
Date Filed: 03/29/96
Report Date: / / 
Date Added: Not reported
Date Closed: Not reported

B5
RAYHER, BILL
ENE
19822 W GRANT LINE RD
> 1
2.955 mi.
15602 ft.
Site 1 of 4 in cluster B
Relative: Lower
Actual: 140 ft.

UST SAN JOAQUIN:
Region: SJ
Facility Id: FA0006159
Mail Address: 19822 W GRANT LINE RD
Mail Care of: RAYHER, BILL
Mail City,St,Zip: TRACY, CA 95376

Tank Rec ID: TA0504309
Tank Number: 1
Tank Status: CLOSED
Tank Capacity: 0
Product Code/Type: 09/OTHER
Program Element: 2322

B6
MARIE M RAYHER
ENE
19822 W GRANT LINE RD
> 1
2.955 mi.
15602 ft.
Site 2 of 4 in cluster B
Relative: Lower
Actual: 140 ft.

HIST UST:
Region: STATE
Facility ID: 00000022352
Facility Type: Other
Other Type: FARM
Total Tanks: 0001
Contact Name: Not reported
Telephone: 2098359009
Owner Name: MARIE M. RAYHER
Owner Address: 19822 W. GRANT LINE RD
Owner City,St,Zip: TRACY, CA 95371

Tank Num: 001
MARIE M RAYHER (Continued)

Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

---

B7
ENE
> 1
2.958 mi.
15619 ft.
Site 3 of 4 in cluster B

Relative: VCP:
  Facility ID: 60000564
  Site Type: Voluntary Cleanup
  Site Type Detail: Voluntary Cleanup
  Site Mgmt. Req.: NONE SPECIFIED
  Acres: 64
  National Priorities List: NO
  Cleanup Oversight Agencies: SMBRP, SAN JOAQUIN COUNTY
  Lead Agency: SMBRP
  Lead Agency Description: DTSC - Site Cleanup Program
  Project Manager: Maria Gillette
  Supervisor: Steven Becker
  Division Branch: San Joaquin & Legacy Landfills
  Site Code: 101854
  Assembly: 13
  Senate: 05
  Special Programs Code: Voluntary Cleanup Program
  Status: Inactive - Action Required
  Status Date: 08/23/2007
  Restricted Use: NO
  Funding: Responsible Party
  Lat/Long: 37.75813 / -121.5537
  APN: NONE SPECIFIED
  Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ORCHARD
  Potential COC: 30207
  Confirmed COC: 30207
  Potential Description: SOIL
  Alias Name: 110033608344
  Alias Type: EPA (FRS #)
  Alias Name: 101854
  Alias Type: Project Code (Site Code)
  Alias Name: 60000564
  Alias Type: Envirosor ID Number

Completed Info:
  Completed Area Name: PROJECT WIDE
  Completed Sub Area Name: Not reported
  Completed Document Type: CEQA - Notice of Exemption
  Completed Date: 07/19/2007
  Comments: DTSC, as Lead Agency, prepares a Notice of Exemption (NOE) for the Shea Homes Neighborhood C Draft Removal Action Work Plan. The NOE fulfills DTSC’s compliance requirements with the California Environmental Quality Act (CEQA).
SHEA HOMES - NEIGHBORHOOD C (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/04/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/18/2007

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: 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

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 64
NPL: NO
Regulatory Agencies: SMBRP, SAN JOAQUIN COUNTY
Lead Agency: SMBRP
Program Manager: Maria Gillette
Supervisor: Steven Becker
Division Branch: San Joaquin & Legacy Landfills
Facility ID: 60000564
Site Code: 101854
Assembly: 13
Senate: 05
Special Program: Voluntary Cleanup Program
Status: Inactive - Action Required
Status Date: 08/23/2007
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.75813

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/11/2007
SHEA HOMES - NEIGHBORHOOD C (Continued)

Longitude: -121.5537
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ORCHARD
Potential COC: 30207
Confirmed COC: 30207
Potential Description: SOIL
Alias Name: 110033608344
Alias Type: EPA (FRS #)
Alias Name: 101854
Alias Type: Project Code (Site Code)
Alias Name: 60000564
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/19/2007
Comments: DTSC, as Lead Agency, prepares a Notice of Exemption (NOE) for the Shea Homes Neighborhood C Draft Removal Action Work Plan. The NOE fulfills DTSC’s compliance requirements with the California Environmental Quality Act (CEQA).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/18/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/11/2007

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: 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
### Byron Power Company

**Site:** 4901 BRUNS RD, BYRON, CA 94514

<table>
<thead>
<tr>
<th>Relative:</th>
<th>Actual:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower</td>
<td>124 ft.</td>
</tr>
<tr>
<td>2.983 mi.</td>
<td>15749 ft.</td>
</tr>
</tbody>
</table>

**SLIC:**
- **Region:** STATE
- **Facility Status:** Open - Site Assessment
- **Status Date:** 11/18/2011
- **Global Id:** T10000003401
- **Lead Agency:** ALAMEDA COUNTY LOP
- **Lead Agency Case Number:** RO0003079
- **Latitude:** 37.7918119669173
- **Longitude:** -121.600622534752
- **Case Type:** Cleanup Program Site
- **Case Worker:** JTW
- **Local Agency:** ALAMEDA COUNTY LOP
- **RB Case Number:** Not reported
- **File Location:** Stored electronically as an E-file
- **Potential Media Affected:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
- **Site History:** Not reported

**Click here to access the California GeoTracker records for this facility:**

**CONTRA COSTA CO. SITE LIST:**
- **Region:** CONTRA COSTA
- **Facility ID:** 774411
- **Tier:** Not reported
- **Program Status:** Not reported
- **Generator Fee Item:** Yes
- **Inactive Date:** 08/13/2012

---

### M and T Souza

**Site:** 19720 W GRANT LINE RD, TRACY, CA 95391

<table>
<thead>
<tr>
<th>Relative:</th>
<th>Actual:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower</td>
<td>134 ft.</td>
</tr>
<tr>
<td>3.022 mi.</td>
<td>15957 ft.</td>
</tr>
</tbody>
</table>

**RCRA NonGen / NLR:**
- **Date form received by agency:** 10/23/1991
- **Facility name:** M AND T SOUZA
- **Facility address:** 19720 W GRANT LINE RD, TRACY, CA 95376
- **EPA ID:** CAD983609249
- **Contact:** SOUZA MARIANNE
- **Contact address:** 19720 W GRANT LINE RD, TRACY, CA 95376
- **Contact country:** US

**Click here to access the California GeoTracker records for this facility:**

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TC3586862.1s  Page 39
M AND T SOUZA (Continued)

Contact telephone: (209) 836-9585
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: TONY AND MARIANNE SOUZA
Owner/operator address: 19720 W GRANT LINE RD
                        TRACY, CA 95376
Owner/operator country: Not reported
Owner/operator telephone: (209) 836-9585
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: No
Mixed waste (haz. and radioactive): No
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: 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

Violation Status: No violations found

FINDS:
Registry ID: 110006482546

Environmental Interest/Information System
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.
<table>
<thead>
<tr>
<th>Action Type</th>
<th>Date</th>
<th>Action</th>
<th>Global Id</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leak Discovery</td>
<td>01/01/1950</td>
<td>T0600102299</td>
<td>10 SHELL OIL CO - SCHROPP FARMS</td>
</tr>
</tbody>
</table>

**Site:**
- **Map ID:** 10
- **Direction:** NNE
- **Distance:** > 1
- **Elevation:** 3.084 mi.
- **Actual:** 16285 ft.

**Site Summary:**
- **Region:** CORTESE
- **Facility County Code:** 7
- **Reg By:** LTNKA
- **Reg Id:** 010002
- **LUST Region:** STATE
- **Global Id:** T0600102299
- **Latitude:** 37.781944
- **Longitude:** -121.5773472
- **Status:** Completed - Case Closed
- **Status Date:** 06/05/2006
- **Lead Agency:** ALAMEDA COUNTY LOP
- **Case Worker:** JTW
- **Local Agency:** ALAMEDA COUNTY LOP
- **RB Case Number:** 010002
- **LOC Case Number:** RO0002473
- **File Location:** Stored electronically as an E-file
- **Potential Media Affect:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Gasoline
- **Site History:** Not reported

**Access:** Click here to access the California GeoTracker records for this facility.
SHELL OIL CO - SCHROPP FARMS (Continued)  S101306372

Date: 01/01/1950
Action: Leak Reported

Global Id: T0600102299
Action Type: ENFORCEMENT
Date: 06/05/2006
Action: Closure/No Further Action Letter - #20060605

Global Id: T0600102299
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0600102299
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 05/20/2009
Global Id: SL185852947
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 37.7808910023631
Longitude: -121.581745147705
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: SL185852947
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 5:
Region: 5
Facility Status: Closed by RB
Unit: Facility is a Spill or site
Pollutant: TPH
Lead Agency: Not reported
Date Filed: 08/03/99
Report Date: 08/03/99
Date Added: Not reported
Date Closed: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0002473
PE: 5502
## MAP FINDINGS

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>C11</td>
<td>WW</td>
<td>&gt; 1</td>
<td>3.085 mi.</td>
<td>16288 ft.</td>
<td>Site 1 of 4 in cluster C</td>
<td>WMUDS/SWAT</td>
</tr>
</tbody>
</table>

**Relative:** WMUDS/SWAT: Not reported  
**Higher**  
**Actual:** 893 ft.  
**Edit Date:** Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxic wastes) with numerous discharge points, leak detection systems or ground water monitoring wells.  
**Complexity:** Not reported

### Solid Waste Site-Class III - Landfills for non hazardous solid wastes.

| Primary Waste | Not reported |
| Primary Waste Type | Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste). |
| Secondary Waste | Not reported |
| Secondary Waste Type | Not reported |
| Base Meridian | MD |
| NPID | Not reported |
| Tonnage | 5417 |
| Regional Board ID | Not reported |
| Municipal Solid Waste | True |
| Superorder | True |
| Open To Public | False |
| Waste List | True |
| Agency Type | Private |
| Agency Name | WASTE MANAGEMENT OF ALAMEDA CO |
| Agency Department | Not reported |
| Agency Address | 172 98TH AVENUE LIVERMORE CA, CA  94550 |
| Agency Contact | BILL GILMOUR |
| Agency Telephone | 9254557381 |
| Land Owner Name | OAKLAND SCAVENGER CO |
| Land Owner Address | 2601 PERALTA ST |
| Land Owner City,St,Zip | OAKLAND, CA 94607 |
| Land Owner Contact | Not reported |
| Land Owner Phone | 4154652911 |
| Region | 5S |
| Facility Type | Solid Waste Site-Class III - Landfills for non hazardous solid wastes. |
| Facility Description | Not reported |
| Facility Telephone | Not reported |
| SWAT Facility Name | ALTAMONT SANITARY LANDFILL |
| Primary SIC | 4953 |
| Secondary SIC | Not reported |
| Comments | Not reported |
| Last Facility Editors | Not reported |
| Waste Discharge System | True |
| Solid Waste Assessment Test Program | True |
| Toxic Pits Cleanup Act Program | False |
| Resource Conservation Recovery Act | False |
| Department of Defense | False |
| Solid Waste Assessment Test Program | OAKLAND SCAVENGER CO |
| Threat to Water Quality | Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink |
### ALTAMONT LF/RESOURCE RECOVERY (Continued)

- **Sub Chapter 15:** True
- **Regional Board Project Officer:** CMC
- **Number of WMUDS at Facility:** 2
- **Section Range:** 02S03E15
- **RCRA Facility:** No
- **Waste Discharge Requirements:** A
- **Self-Monitoring Rept. Frequency:** Quarterly Submittal
- **Waste Discharge System ID:** 5B010000001
- **Solid Waste Information ID:** 01-AA-0009

---

**ALTAMONT LF/RESOURCE RECOVERY** (Continued)

water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.

**Owner/Operator Summary:**

- **Owner/operator name:** WASTE MANAGEMENT OF ALAMEDA COUNTY, INC.
- **Owner/operator address:** 10840 ALTAMONT PASS ROAD
  LIVERMORE, CA 94551
WASTE MANAGEMENT OF ALAMEDA COUNTY  (Continued)  

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/02/1980
Owner/Op end date: Not reported

Owner/operator name: WASTE MANAGEMENT OF ALAMEDA COUNTY, INC.
Owner/operator address: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/02/1980
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

Historical Generators:
Date form received by agency: 02/26/2004
Facility name: ALTAMONT LANDFILL AND RESOURCE RECOVERY
Classification: Large Quantity Generator

Date form received by agency: 02/27/2002
Facility name: ALTAMONT LANDFILL AND RESOURCE RECOVERY
Site name: ALTAMONT LANDFILL & RESOURCE RECOVERY
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Facility name: ALTAMONT LANDFILL AND RESOURCE RECOVERY
Site name: ALTAMONT LANDFILL & RSRC RCVRY FACILITY
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Facility name: ALTAMONT LANDFILL AND RESOURCE RECOVERY
Site name: ALTAMONT LANDFILL RESOURCE & RECOVERY FA
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: ALTAMONT LANDFILL AND RESOURCE RECOVERY
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued) 1000149894

Site name: ALTAMONT SANITARY LANDFILL
Classification: Large Quantity Generator

Date form received by agency: 02/05/1996
Facility name: ALTAMONT LANDFILL AND RESOURCE RECOVERY
Site name: ALTAMONT SANITARY LANDFILL
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/15/1989
Date achieved compliance: 03/05/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/21/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 11/15/1989
Date achieved compliance: 03/05/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/21/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/16/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/26/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/15/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/05/1990
Evaluation lead agency: State

Evaluation date: 11/15/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/05/1990
Evaluation lead agency: State

FINDS:

Registry ID: 110000831404

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (CIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United...
## WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Estimated Closure Type</td>
<td>01/01/2025</td>
</tr>
<tr>
<td>Closure Date</td>
<td>01/01/2025</td>
</tr>
<tr>
<td>Materials</td>
<td>Industrial, Mixed municipal, Other designated, Tires, Shreds, Ash, Construction/demolition, Contaminated soil, Green</td>
</tr>
<tr>
<td>Accepted Waste</td>
<td>Monthly</td>
</tr>
<tr>
<td>Inspection Frequency</td>
<td>Monthly</td>
</tr>
<tr>
<td>Permit Status</td>
<td>Permitted</td>
</tr>
<tr>
<td>Permitted Acreage</td>
<td>2130</td>
</tr>
<tr>
<td>Operation Status</td>
<td>Solid Waste Landfill</td>
</tr>
<tr>
<td>Regulated Status</td>
<td>Permitted</td>
</tr>
<tr>
<td>Landuse Name</td>
<td>Range Land, Open Space - Nonirrigated, Commercial, Agricultural</td>
</tr>
<tr>
<td>GIS Source</td>
<td>Map</td>
</tr>
<tr>
<td>Category</td>
<td>Disposal</td>
</tr>
<tr>
<td>Unit Number</td>
<td>01</td>
</tr>
<tr>
<td>Accepted Waste</td>
<td>Ash, Construction/demolition, Contaminated soil, Green, Materials, Industrial, Mixed municipal, Other designated, Tires, Shreds</td>
</tr>
<tr>
<td>Closure Date</td>
<td>01/01/2025</td>
</tr>
<tr>
<td>Closure Type</td>
<td>Estimated</td>
</tr>
</tbody>
</table>

States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

### ELECTRIC GENERATOR

CASWIS (California Solid Waste Integrating System). California’s solid waste facility list that contains information on solid waste facilities, operations, and open and closed disposal sites throughout the state.

### HAZARDOUS WASTE BIENNIAL REPORTER

### CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

### GREENHOUSE GAS REPORTER

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

### SWF/LF (SWIS):

- **Region:** STATE
- **Facility ID:** 01-AA-0009
- **Lat/Long:** 37.7538899 / -121.65165
- **Owner Name:** Waste Management Of Alameda County
- **Owner Telephone:** 9254496349
- **Owner Address:** Not reported
- **Owner Address2:** 172-98th Avenue
- **Owner City, St, Zip:** Oakland, CA 94603
- **Operational Status:** Active
- **Operator:** Waste Management Of Alameda County
- **Operator Phone:** 9254496349
- **Operator Address:** Not reported
- **Operator Address2:** 172-98th Avenue
- **Operator City, St, Zip:** Oakland, CA 94603
- **Permit Date:** 08/22/2005
- **Permit Status:** Permitted
- **Permitted Acreage:** 2130
- **Activity:** Solid Waste Landfill
- **Regulation Status:** Permitted
- **Landuse Name:** Range Land, Open Space - Nonirrigated, Commercial, Agricultural
- **GIS Source:** Map
- **Category:** Disposal
- **Unit Number:** 01
- **Inspection Frequency:** Monthly
- **Accepted Waste:** Ash, Construction/demolition, Contaminated soil, Green Materials, Industrial, Mixed municipal, Other designated, Tires, Shreds
- **Closure Date:** 01/01/2025
- **Closure Type:** Estimated
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

Disposal Acreage: 472
SWIS Num: 01-AA-0009
Waste Discharge Requirement Num: II, III
Program Type: AB2296 LF, BOE Reporting Disposal Facility, Composite_Lined, _LF_Cell(s), Financial Assurance Responsibilities, PaleoDS, Remaining Capacity Landfill, Treated Wood Waste Acceptance
Permitted Throughput with Units: 11500
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 62000000
Remaining Capacity: 45720000
Remaining Capacity with Units: Cubic Yards

Region: STATE
Facility ID: 01-AA-0009
Lat/Long: 37.7538899 / -121.65165
Owner Name: Waste Management Of Alameda County
Owner Telephone: 9254496349
Owner Address: Not reported
Owner Address2: 172-98th Avenue
Owner City, St, Zip: Oakland, CA 94603
Operational Status: Active
Operator: Waste Management Of Alameda County
Operator Phone: 9254496349
Operator Address: Not reported
Operator Address2: 172-98th Avenue
Operator City, St, Zip: Oakland, CA 94603
Permit Date: 08/22/2005
Permit Status: Permitted
Permitted Acreage: Not reported
Activity: ACW Disposal Site
Regulation Status: Permitted
Landuse Name: Range Land, Open Space - Nonirrigated, Commercial, Agricultural
GIS Source: Map
Category: Disposal
Unit Number: 02
Inspection Frequency: Quarterly
Accepted Waste: Asbestos, Asbestos, friable
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 01-AA-0009
Waste Discharge Requirement Num: II
Program Type: Not reported
Permitted Throughput with Units: 2000
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported
Remaining Capacity with Units: Not reported

Region: STATE
Facility ID: 01-AA-0289
Lat/Long: 37.7571099 / -121.65519
Owner Name: Waste Management Of Alameda County
Owner Telephone: 9254496349
Owner Address: Not reported
Owner Address2: 172-98th Avenue
Owner City, St, Zip: Oakland, CA 94603
WASTE MANAGEMENT OF ALAMEDA COUNTY  (Continued)

Operational Status: Planned
Operator: Waste Management Of Alameda County
Operator Phone: 9254496349
Operator Address: Not reported
Operator Address2: 172-98th Avenue
Operator City,St,Zip: Oakland, CA 94603
Permit Date: 04/07/2006
Permit Status: Notification
Permitted Acreage: 13
Activity: Composting Facility (Green Waste)
Regulation Status: Permitted
Landuse Name: Recreational,Open Space - Nonirrigated,Commercial,Agricultural
GIS Source: Map
Category: Composting
Unit Number: 01
Inspection Frequency: None
Accepted Waste: Green Materials
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 01-AA-0289
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Permitted Capacity with Units: 12500
Remaining Capacity: Not reported
Remaining Capacity with Units: Cubic Yards

NPDES:
Npdes Number: CAS000001
Facility Status: Active
Agency Id: 5S
Region: 5S
Regulatory Measure Id: 197715
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 55011000600
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/16/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Altamont Landfill
Discharge Address: 10840 Altamont Pass Rd
Discharge City: Livermore
Discharge State: California
Discharge Zip: 94551

CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 010003
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

<table>
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<tr>
<th>Region</th>
<th>Facility County Code</th>
<th>Reg By</th>
<th>Reg Id</th>
<th>Location</th>
<th>Site History</th>
<th>Potential Contaminants of Concern</th>
<th>Potential Media Affect</th>
<th>Global Id</th>
<th>Contact Type</th>
<th>Contact Name</th>
<th>Organization Name</th>
<th>Address</th>
<th>City</th>
<th>Email</th>
<th>Phone Number</th>
<th>LUST: Global Id</th>
<th>Contact Type</th>
<th>Contact Name</th>
<th>Organization Name</th>
<th>Address</th>
<th>City</th>
<th>Email</th>
<th>Phone Number</th>
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<tr>
<td>CORTESЕ</td>
<td>1</td>
<td>LTNKA</td>
<td>01-2285</td>
<td>RO0000898</td>
<td>Stored electronically as an E-file</td>
<td>Diesel</td>
<td>Aquifer used for drinking water supply</td>
<td>T0600102300</td>
<td>Regional Board Caseworker</td>
<td>VERA FISCHER</td>
<td>CENTRAL VALLEY RWQCB (REGION 5S)</td>
<td>11020 SUN CENTER DRIVE #200</td>
<td>RANCHO CORDOVA</td>
<td><a href="mailto:vfischer@waterboards.ca.gov">vfischer@waterboards.ca.gov</a></td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>
| LUST:          |                      |        |           |                                |                                |                                  |                                   |                     |                             |                  |                            |                         |                |                         |                |                        |                        |                        |                        |                        |                        |                        |                        |}

**LUST:**
- **Global Id:** T0600102300
- **Contact Type:** Regional Board Caseworker
- **Contact Name:** VERA FISCHER
- **Organization Name:** CENTRAL VALLEY RWQCB (REGION 5S)
- **Address:** 11020 SUN CENTER DRIVE #200
- **City:** RANCHO CORDOVA
- **Email:** vfischer@waterboards.ca.gov
- **Phone Number:** Not reported

**LUST:**
- **Global Id:** T0600102300
- **Contact Type:** Local Agency Caseworker
- **Contact Name:** AMY LEECH
- **Organization Name:** ALAMEDA COUNTY LOP
- **Address:** 1131 HARBOR BAY PARKWAY
- **City:** ALAMEDA
- **Email:** Not reported
- **Phone Number:** Not reported

**LUST:**
- **Global Id:** T0600102300
- **Action Type:** Other
- **Date:** 01/01/1950
- **Action:** Leak Reported

**LUST:**
- **Global Id:** T0600102300
- **Action Type:** REMEDIATION
- **Date:** 01/01/1950
- **Action:** Excavation
WASTE MANAGEMENT OF ALAMEDA COUNTY  (Continued)

LUST REG 2:
Region: 2
Facility Id: 01-2285
Facility Status: Case Closed
Case Number: 1839
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: Piping
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 3/16/1995
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:
Facility ID: 01001945
Regulated By: UTNIK
Regulated ID: 00016454
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 10840 ALTAMONT PASS RD
Mailing Address 2: Not reported
Mailing City,St,Zip: LIVERMORE 94550
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

Alameda County CS:
Status: Case Closed
Record Id: RO0000898
PE: 5602

HIST UST:
Region: STATE
Facility ID: 00000016454
Facility Type: Other
Other Type: SANITARY LANDFILL
Total Tanks: 0003
Contact Name: BERNIE DAMELE/JACK ISOLA
Telephone: 4154477540
Owner Name: OAKLAND SCAVENGER COMPANY
Owner Address: 2601 PERALTA STREET
Owner City,St,Zip: OAKLAND, CA 94607
Tank Num: 001
Container Num: AT-10-16
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<td>Agency Incident Number</td>
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<td>Time Completed</td>
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<tr>
<td>Surrounding Area</td>
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<td>Estimated Temperature</td>
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<td>Property Management</td>
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<td>Special Studies 6</td>
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<td>Resp Agncy Personel # Of Decontaminated</td>
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<td>Responding Agency Personel # Of Injuries</td>
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<td>Responding Agency Personel # Of Fatalities</td>
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**CHMIRS:**
- OES Incident Number: 12-2477
- OES notification: 04/25/2012
- OES Date: Not reported
- OES Time: Not reported
- Incident Date: Not reported
- Date Completed: Not reported

**WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued) 1000149894**

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<td>Tank Used for</td>
<td>PRODUCT</td>
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<td>Type of Fuel</td>
<td>DIESEL</td>
</tr>
<tr>
<td>Tank Construction</td>
<td>1/4 inches</td>
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<tr>
<td>Leak Detection</td>
<td>Visual, Stock Inventor, Groundwater Monitoring Well</td>
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<table>
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<td>Tank Used for</td>
<td>PRODUCT</td>
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<td>Type of Fuel</td>
<td>DIESEL</td>
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<tr>
<td>Tank Construction</td>
<td>1/4 inches</td>
</tr>
<tr>
<td>Leak Detection</td>
<td>Visual, Stock Inventor, Groundwater Monitoring Well</td>
</tr>
</tbody>
</table>
The substance spilled due to a malfunctioning valve. The substance spilled into a drainage channel and recovered. The spill was contained on site.

Description:

LDS:

Global Id: L10005834311
Latitude: 37.74651
Longitude: -121.6545
Case Type: Land Disposal Site
Status: Open
Status Date: 01/01/1965
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Caseworker: HFH
Local Agency: Not reported
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

RB Case Number: 5B010000001
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

ENF:
Region: 5S
Facility Id: 205295
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class II - designated wastes
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 37.7452400
Place Longitude: -121.65679
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: LNDISP
# Of Programs: 1
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
### WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

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<td>Effective Date</td>
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<tr>
<td>Expiration/Review Date</td>
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<tr>
<td>Termination Date</td>
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</tr>
<tr>
<td>WDR Review - Amend</td>
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<tr>
<td>WDR Review - Revise/Renew</td>
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<tr>
<td>WDR Review - Rescind</td>
<td>Not reported</td>
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<tr>
<td>WDR Review - No Action Required</td>
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<tr>
<td>WDR Review - Pending</td>
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<td>Direction/Voice</td>
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<td>Title</td>
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<td>Agency Name</td>
<td>Waste Management of Alameda Co</td>
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<tr>
<td>Place Type</td>
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<td>4953</td>
</tr>
<tr>
<td>SIC Code 2</td>
<td>Refuse Systems</td>
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<td>NAICS Desc 1</td>
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WASTE MANAGEMENT OF ALAMEDA COUNTY  (Continued)  

NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 0  
Threat To Water Quality: 1  
Complexity: A  
Pretreatment: N - POTW does not have EPA approved pretreatment prog.  
Facility Waste Type: Solid wastes, NEC  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISP  
# Of Programs: 1  
WDID: 5B010000001  
Reg Measure Id: 131321  
Reg Measure Type: WDR  
Region: 5S  
Order #: 01-252  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 05/05/2009  
Effective Date: 10/19/2001  
Expiration/Review Date: 10/19/2006  
Termination Date: 04/23/2009  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 12 - Non Billable Land Disposal Site  
Direction/Voice: Passive  
Enforcement Id(EID): 232039  
Region: 5S  
Order / Resolution Number: Not reported  
Enforcement Action Type: Notice of Violation  
Effective Date: 11/18/1999  
Adoption/Issuance Date: 11/18/1999  
Achieve Date: Not reported  
Termination Date: 11/18/1999  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV 11/18/1999 for WASTE MANAGEMENT OF ALAMEDA CO  
Description: Tentative WDRs mailed on 2/17/2000 to address the NOV  
Program: LNDISP
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued) 1000149894

Latest Milestone Completion Date: Not reported
# Of Programs: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

EMI:
Year: 1987
County Code: 1
Air Basin: SF
Facility ID: 2066
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Year: 10
Reactive Organic Gases Tons/Year: 5
Carbon Monoxide Emissions Tons/Year: 58
NOX - Oxides of Nitrogen Tons/Year: 230
SOX - Oxides of Sulphur Tons/Year: 1
Particulate Matter Tons/Year: 10
Part. Matter 10 Micrometers & Smaller Tons/Year: 10

Year: 1990
County Code: 1
Air Basin: SF
Facility ID: 2066
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Year: 21
Reactive Organic Gases Tons/Year: 2
Carbon Monoxide Emissions Tons/Year: 42
NOX - Oxides of Nitrogen Tons/Year: 105
SOX - Oxides of Sulphur Tons/Year: 2
Particulate Matter Tons/Year: 12
Part. Matter 10 Micrometers & Smaller Tons/Year: 11

Year: 1995
County Code: 1
Air Basin: SF
Facility ID: 2066
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Year: 117
Reactive Organic Gases Tons/Year: 3
Carbon Monoxide Emissions Tons/Year: 52
### WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

| Year   | County Code | Air Basin | Facility ID | Air District Name | SIC Code | Air District Name | Community Health Air Pollution Info System | Consolidated Emission Reporting Rule | Total Organic Hydrocarbon Gases Tons/Yr | Reactive Organic Gases Tons/Yr | Carbon Monoxide Emissions Tons/Yr | NOX - Oxides of Nitrogen Tons/Yr | SOX - Oxides of Sulphur Tons/Yr | Particulate Matter Tons/Yr | Part. Matter 10 Micrometers & Smllr Tons/Yr |
|--------|-------------|-----------|-------------|-------------------|----------|------------------|--------------------------------------------|---------------------------------|---------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------------|
| 1996   | 1           | SF        | 2066        | BA                | 4953      | BAY AREA AQMD     | Not reported                               | Not reported                    | 10884                           | 111                          | 75                          | 50                          | 2                           | 65                          | 59                           |
| 1997   | 1           | SF        | 2066        | BA                | 4953      | BAY AREA AQMD     | Not reported                               | Not reported                    | 113                            | 3                           | 75                          | 50                          | 2                           | 65                          | 59                           |
| 1998   | 1           | SF        | 2066        | BA                | 4953      | BAY AREA AQMD     | Not reported                               | Not reported                    | 21297                          | 276                         | 98                          | 65                          | 3                           | 70                          | 63                           |
| 1999   | 1           | SF        | 2066        | BA                | 4953      | BAY AREA AQMD     | Not reported                               | Not reported                    | 2066                           | 3                           | 70                          | 65                          | 3                           | 70                          | 63                           |
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

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<th>Air District Name</th>
<th>SIC Code</th>
<th>Air District Name</th>
<th>Community Health Air Pollution Info System</th>
<th>Consolidated Emission Reporting Rule</th>
<th>Total Organic Hydrocarbon Gases Tons/Yr</th>
<th>Reactive Organic Gases Tons/Yr</th>
<th>Carbon Monoxide Emissions Tons/Yr</th>
<th>NOX - Oxides of Nitrogen Tons/Yr</th>
<th>SOX - Oxides of Sulphur Tons/Yr</th>
<th>Particulate Matter Tons/Yr</th>
<th>Part. Matter 10 Micrometers &amp; Smllr Tons/Yr</th>
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<td>85</td>
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WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued) 1000149894

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13007
Reactive Organic Gases Tons/Yr: 168
Carbon Monoxide Emissions Tons/Yr: 118
NOX - Oxides of Nitrogen Tons/Yr: 60
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 168
Part. Matter 10 Micrometers & Smllr Tons/Yr: 152

Year: 2003
County Code: 1
Air Basin: SF
Facility ID: 2066
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13187
Reactive Organic Gases Tons/Yr: 171
Carbon Monoxide Emissions Tons/Yr: 196
NOX - Oxides of Nitrogen Tons/Yr: 83
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 175
Part. Matter 10 Micrometers & Smllr Tons/Yr: 159

Year: 2004
County Code: 1
Air Basin: SF
Facility ID: 2066
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14241.314
Reactive Organic Gases Tons/Yr: 143.4402862
Carbon Monoxide Emissions Tons/Yr: 122.233
NOX - Oxides of Nitrogen Tons/Yr: 62.594
SOX - Oxides of Sulphur Tons/Yr: 0.024
Particulate Matter Tons/Yr: 187.185
Part. Matter 10 Micrometers & Smllr Tons/Yr: 169.339304

Year: 2005
County Code: 1
Air Basin: SF
Facility ID: 2066
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15546.889
Reactive Organic Gases Tons/Yr: 206.5824329
Carbon Monoxide Emissions Tons/Yr: 160.439
NOX - Oxides of Nitrogen Tons/Yr: 73.476
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued) 1000149894

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HAULERS:

| Facility ID: | 1284842 |
WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued) 1000149894

Facility Phone: (209) 933-9640

CA Financial Assurance 2:
Region: 2
SWIS_NO: 01-AA-0009
Closure Approved: Yes
Closure Inf Coverage Date: 05/01/2012
Closure Plan Coverage: 23993000
Closure Plan Date: 07/10/2005
PostClose Approved: Yes
PostClose Adequacy Date: 07/10/2005
PostClose Inf Coverage: 42546137
PostClose Inf Coverage Date: 05/01/2012
CorActCoverage: 815312
CorActApproved: Yes
CorAct Mec Adequacy Date: Not reported
CorAct Inf Coverage: 869564
CorActPlanCoverage: 771503
CorAct Plan Date: Not reported
Lia Coverage: 1000000
Lia Approved: Yes
Review: 05/08/2012
Closure Mechanism A: SURETY BOND
Closure Mechanism B: Not reported
Closure Coverage: 26065345
Closure Adequacy: Not reported
Closure Approved: Yes
Closure Inflation Estimate: 27799822
Closure Inflation Date: 05/01/2012
Closure Plan Coverage: 23993000
Closure Plan Date: 07/10/2005
Post Closure Mechanism A: GUARANTEE & MEANS TEST
Post Closure Established A: 07/16/2002
Post Closure Mechanism B: Not reported
Post Closure Coverage: 39891614
Post Closure Adequacy: Not reported
Post Closure Approved: Yes
Post Close Inflation Estimate: 42546137
Post Close Inflation Date: 05/01/2012
Post Close Plan Date: 07/10/2005
Corrective Action Established A: 06/15/2004
Corrective Action Coverage: 815312
Corrective Action Adequacy: Not reported
Corrective Action Approved: Yes
Corrective Action Inflation Estimate: 869564
Corrective Action Inflation Date: 05/01/2012
Corrective Action Plan Estimate: 771503
Corrective Action Plan Date: Not reported
Liability Mechanism A: INSURANCE
Liability Established A: 01/25/2011
Liability Mechanism B: Not reported
Liability Coverage: 1000000
CostAnniversary: 06/21/2009
ClosureEstablishedA: 06/21/2004
ClosureEstablishedB: Not reported
ClosureDisbursement: 0
PostClosureEstablishedB: Not reported
WASTE MANAGEMENT OF ALAMEDA COUNTY  (Continued)

PostClosureDisbursement: 0
CorrectiveActionMechanismA: SURETY BOND
CorrectiveActionMechanismB: Not reported
CorrectiveActionEstablishedB: Not reported
CorrectiveActionDisbursement: 0
LiabilityEstablishedB: Not reported
LiabilityAdequacy: Not reported
Liability Approved: Yes
Contact: Altamont Landfill & Recovery Facility

HWP:
EPA Id: CAD981382732
Latitude: 37.74319
Longitude: -121.6631
Facility Type: Historical - Non-Operating
Cleanup Status: UNKNOWN
Supervisor: Not reported
Site Code: Not reported
Assembly District: 16
Senate District: 7
Public Information Officer: Not reported
Alias:
EPA Id: CAD981382732
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000831404

EPA Id: CAT080010770
Latitude: 37.74507
Longitude: -121.6343
Facility Type: Historical - Non-Operating
Cleanup Status: PROTECTIVE FILER
Supervisor: Not reported
Site Code: Not reported
Assembly District: 16
Senate District: 7
Public Information Officer: Not reported
Activities:
EPA Id: CAT080010770
Facility Type: Historical - Non-Operating
Unit Names: LANDAPP1, LANDFIL1, SURFIMP1, SURFSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 12/19/1983

EPA Id: CAT080010770
Facility Type: Historical - Non-Operating
Unit Names: LANDAPP1, LANDFIL1, SURFIMP1, SURFSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 08/01/1983

Alias:
EPA Id: CAT080010770
Facility Type: Historical - Non-Operating
Alias Type: FRS
### WASTE MANAGEMENT OF ALAMEDA COUNTY (Continued)

| Alias: | 110000831404 |

**CA WDS:**
- **Facility ID:** 110000831404
- **Facility Type:** Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
- **Facility Status:** Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
- **NPDES Number:** CA0083763
- **Subregion:** 0
- **Facility Telephone:** Not reported
- **Agency Name:** WASTE MANAGEMENT OF ALAMEDA CO
- **Agency Address:** 10840 ALTAMONT PASS ROAD
- **Agency City, St, Zip:** LIVERMORE 94550
- **Agency Contact:** BILL GILMOUR
- **Agency Telephone:** Not reported
- **Agency Type:** Private
- **SIC Code:** 4953
- **SIC Code 2:** Not reported
- **Primary Waste:** Solid Wastes
- **Primary Waste Type:** Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
- **Secondary Waste Type:** Not reported
- **Design Flow:** 0
- **Baseline Flow:** 0
- **Reclamation:** No reclamation requirements associated with this facility.
- **POTW:** The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
- **Treat To Water:** Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
- **Complexity:** Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxic wastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

**Facility ID:** SS 011000600
- **Facility Type:** Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and
WASTE MANAGEMENT OF ALAMEDA COUNTY  (Continued)  1000149894

repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 0
Facility Telephone: 9254496349
Facility Contact: WILLIAM GILMOUR
Agency Name: WASTE MANAGEMENT INC
Agency Address: 10840 Altamont Pass Rd
Agency City,St,Zip: Livermore 945509745
Agency Contact: WILLIAM GILMOUR
Agency Telephone: 9254496349
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

C13  OAKLAND SCAVenger CO ALTAMONT LDFL  RCRA-TSDF  1000277342
WNW  10840 ALTAMONT PASS ROAD  RCRA NonGen / NLR  CAT080010770
> 1  LIVERMORE, CA  94550  09/29/1993
3.085 mi.  Site 3 of 4 in cluster C
16288 ft.  Relative: Higher

RCRA-TSDF:
Date form received by agency: 09/29/1993
Facility name: OAKLAND SCAVenger CO ALTAMONT LDFL
Facility address: 10840 ALTAMONT PASS ROAD
LIVERMORE, CA 94550
EPA ID: CAT080010770
Mailing address: ENGR DEPT SECOND THOUSAND SIXT
OAKLAND, CA 94607
Contact: Not reported
Contact address: Not reported
Contact telephone: Not reported
Contact email: Not reported
OAKLAND SCAVENGER CO ALTAMONT LDFL (Continued)

EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: OAKLAND SCAVENGER COMPANY
Owner/operator address: 2601 PERALTA STREET
          CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 465-2911
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OAKLAND SCAVENGER COMPANY
Owner/operator address: 2601 PERALTA STREET
          OAKLAND, CA 94607
Owner/operator country: Not reported
Owner/operator telephone: (415) 465-2911
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: 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

Historical Generators:
Date form received by agency: 08/18/1980
Facility name: OAKLAND SCAVENGER CO ALTAMONT LDFL
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/06/1984
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**OAKLAND SCAVENGER CO ALTAMONT LDFL (Continued)**

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**Evaluation Action Summary:**

- **Evaluation date:** 12/08/1987
- **Evaluation:** GROUNDWATER MONITORING EVALUATION
- **Area of violation:** Generators - General
- **Date achieved compliance:** Not reported
- **Evaluation lead agency:** State

- **Evaluation date:** 11/18/1985
- **Evaluation:** FINANCIAL RECORD REVIEW
- **Area of violation:** Not reported
- **Date achieved compliance:** Not reported
- **Evaluation lead agency:** State

- **Evaluation date:** 06/06/1985
- **Evaluation:** GROUNDWATER MONITORING EVALUATION
- **Area of violation:** Not reported
- **Date achieved compliance:** Not reported
- **Evaluation lead agency:** State

- **Evaluation date:** 12/06/1984
- **Evaluation:** GROUNDWATER MONITORING EVALUATION
- **Area of violation:** Generators - General
- **Date achieved compliance:** 12/08/1987
- **Evaluation lead agency:** State

- **Evaluation date:** 06/20/1984
- **Evaluation:** GROUNDWATER MONITORING EVALUATION
- **Area of violation:** Generators - General
- **Date achieved compliance:** 12/08/1987
- **Evaluation lead agency:** State

**Regulation violated:** Not reported
**Area of violation:** Generators - General
**Date violation determined:** 06/20/1984
**Date achieved compliance:** 12/08/1987
**Evaluation lead agency:** State
**Enforcement action:** WRITTEN INFORMAL
**Enforcement action date:** 12/05/1984
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**Enforcement action date:** 12/05/1984
**Enf. disposition status:** Not reported
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### SWEEPS UST: S106922585

#### Relative: Higher
- **Actual:** 893 ft.

#### Status:
- Not reported
- **Comp Number:** 16454
- **Number:** Not reported
- **Board Of Equalization:** 44-000221
- **Referral Date:** Not reported
- **Action Date:** Not reported
- **Created Date:** Not reported
- **Tank Status:** Not reported
- **Owner Tank Id:** Not reported
- **Swrcb Tank Id:** 01-000-016454-000001
- **Actv Date:** Not reported
- **Capacity:** 1000
- **Tank Use:** M.V. FUEL
- **Stg:** PRODUCT
- **Content:** DIESEL
- **Number Of Tanks:** 3

#### Status:
- Not reported
- **Comp Number:** 16454
- **Number:** Not reported
- **Board Of Equalization:** 44-000221
- **Referral Date:** Not reported
- **Action Date:** Not reported
- **Created Date:** Not reported
- **Tank Status:** Not reported
- **Owner Tank Id:** Not reported
- **Swrcb Tank Id:** 01-000-016454-000002
- **Actv Date:** Not reported
- **Capacity:** 300
- **Tank Use:** M.V. FUEL
- **Stg:** PRODUCT
- **Content:** LEADED
- **Number Of Tanks:** Not reported

#### Status:
- Not reported
- **Comp Number:** 16454
- **Number:** Not reported
- **Board Of Equalization:** 44-000221
- **Referral Date:** Not reported
- **Action Date:** Not reported
- **Created Date:** Not reported
- **Tank Status:** Not reported
- **Owner Tank Id:** Not reported
- **Swrcb Tank Id:** 01-000-016454-000003
- **Actv Date:** Not reported
- **Capacity:** 12000
- **Tank Use:** M.V. FUEL
- **Stg:** PRODUCT
- **Content:** DIESEL
- **Number Of Tanks:** Not reported

#### Status:
- Active
ALTAMONT LANDFILL (Continued)

Comp Number: 16454
Number: 1
Board Of Equalization: 44-000221
Referral Date: 05-06-93
Action Date: 04-25-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: AT-01-18A
Swrcb Tank Id: 01-000-016454-000004
Actv Date: 05-06-93
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

USA WINDPOWER
SE 17350 PATTERSON PASS RD
> 1 LIVERMORE, CA 94550
3.169 mi.
16730 ft.

Relative:
Higher
CORTESER

Actual:
424 ft.

LUST:
Region: STATE
Global Id: T0600101500
Latitude: 37.70903
Longitude: -121.57141
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/29/1994
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: EC
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-1625
LOC Case Number: RO0001051
File Location: Stored electronically as an E-file
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0600101500
Contact Type: Regional Board Caseworker
Contact Name: Cherie McCaulou
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: cmccaulou@waterboards.ca.gov
Phone Number: Not reported
USA WINDPOWER (Continued) S102439440

Global Id: T0600101500
Contact Type: Local Agency Caseworker
Contact Name: EVA CHU
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: Not reported
Phone Number: 5105676762

LUST:
Global Id: T0600101500
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0600101500
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

LUST REG 2:
Region: 2
Facility Id: 01-1625
Facility Status: Case Closed
Case Number: 3603
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001051
PE: 5602

16 MOUNTAIN HOUSE SCHOOL S105153693
NNE SWEEPS UST N/A
3950 MOUNTAIN HOUSE RD
BYRON, CA 94514
3.203 mi. 16914 ft.

Relative: Lower
Actual: 88 ft.

SWEEPS UST:
Status: Active
Comp Number: 242
Number: 5
Board Of Equalization: Not reported
Referral Date: 03-19-91
Action Date: 09-17-93
MOUNTAIN HOUSE SCHOOL (Continued)

Created Date: 03-19-91
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 01-000-000242-000001
Actv Date: 03-19-91
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: 1

17 FORMER SHELL SITE
NNE 16091 KELSO RD
> 1 BYRON, CA 95405
3.463 mi.
18284 ft.

Relative: NPDES:
Lower
Actual: CAS000002
68 ft.
Agency Id: Terminated
0
Region: 5S
Regulatory Measure Id: 350758
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 5S07C353056
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 08/18/2008
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 09/02/2010
Discharge Name: GV1 Development LLC
Discharge Address: 50 1st St #507
Discharge City: San Francisco
Discharge State: California
Discharge Zip: 94105

NPDES:
Npdes Number: CAS000002
Agency Id: Terminated
0
Region: 5S
Regulatory Measure Id: 412988
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 5S01C360592
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/15/2011
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 08/31/2011
Discharge Name: Shell Oil Products US
Discharge Address: 45 Auburn Court
Discharge City: Glen Carbon
Discharge State: California
Discharge Zip: 62034
FORMER SHELL SITE (Continued)

Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 5S
Regulatory Measure Id: 413517
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 5S07C360744
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/07/2011
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Greenvolts
Discharge Address: 46400 Fremont Blvd
Discharge City: Fremont
Discharge State: California
Discharge Zip: 94538

SLIC:
Region: STATE
Facility Status: Open - Verification Monitoring
Status Date: 01/06/2011
Global Id: T10000002729
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 37.794695
Longitude: -121.584578
Case Type: Cleanup Program Site
Case Worker: PMV
Local Agency: Not reported
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

18
North
5280 BRUNS RD
BYRON, CA
CONTRA COSTA CO. SITE LIST

SWF/LF (SWIS):
Region: STATE
Facility ID: 07-CR-0041
Lat/Long: 37.80301 / -121.61453
Owner Name: California Water Resources Board
Owner Telephone: Not reported
Owner Address: Not reported
Owner Address2: Box 7791 Rincon Annex
Owner City,St,Zip: San Francisco, CA 94120
Operational Status: Closed
Operator: Calif Dept Of Water Resources

1005289548
NPDES
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**UC DAVIS FISH CONSERVATION & CULTURE LAB (Continued)**

Operator Phone: 9162277567  
Operator Address: Not reported  
Operator Address2: 3251 S Street  
Operator City, St, Zip: Sacramento, CA 95816  
Permit Date: Not reported  
Permit Status: Not reported  
Permitted Acreage: 0  
Activity: Solid Waste Disposal Site  
Regulation Status: Unpermitted  
Landuse Name: Rural, Industrial, Commercial  
GIS Source: Map  
Category: Disposal  
Unit Number: 01  
Inspection Frequency: Annual  
Accepted Waste: Not reported  
Closure Date: 12/01/1981  
Closure Type: Actual  
Disposal Acreage: 0  
SWIS Num: 07-CR-0041  
Waste Discharge Requirement Num: Not reported  
Program Type: Not reported  
Permitted Throughput with Units: 0  
Actual Throughput with Units: Not reported  
Permitted Capacity with Units: 0  
Remaining Capacity: 0  
Remaining Capacity with Units: Not reported  

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**CONTRA COSTA CO. SITE LIST:**

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UC DAVIS FISH CONSERVATION & CULTURE LAB (Continued) 1005289548

Region: CONTRA COSTA
Facility ID: 772803
Tier: Not reported
Program Status: HWG, Hmmp, AGT
Generator Fee Item: No
Inactive Date: Not reported

19
PROPOSED MOUNTAIN HOUSE HIGH SCHOOL
ENE
MASCOT BOULEVARD/CENTRAL PARKWAY
MOUNTAIN HOUSE, CA 95376
SCH S107737091
ENVIROSTOR N/A
> 1
3.498 mi.
18468 ft.

Relative: Lower
Actual: 93 ft.

Facility ID: 60000100
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 46.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Kamili Siglowide
Supervisor: Juan Koponen
Division Branch: Northern California Schools & Santa Susana
Site Code: 104465
Assembly: 13
Senate: 05
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 09/28/2007
Restricted Use: NO
Funding: School District
Latitude: 37.7623
Longitude: -121.543
APN: 209-450-11, 209-450-12
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: 31001, 30003, 30006, 30007, 30008, 30024, 30025, 3002502, 30272,
300550, 30393
Confirmed COC: 30003-NO,30006-NO,30007-NO,30008-NO,30272-NO,30024,30025-NO,30550-NO,
3002502-NO,30593-NO,31001
Potential Description: SOIL, SV
Alias Name: Proposed Mountain House High School
Alias Type: Alternate Name
Alias Name: TRACY JUSD-PROPOSED NEIGHBORHOOD D HIGH
Alias Type: Alternate Name
Alias Name: 209-450-11
Alias Type: APN
Alias Name: 209-450-12
Alias Type: APN
Alias Name: 104465
Alias Type: Envirostor ID Number
Alias Name: 60000100
Alias Type: Envirostor ID Number
Alias Name: 60000759
Alias Type: Envirostor ID Number

TC3586862.1s Page 75
PROPOSED MOUNTAIN HOUSE HIGH SCHOOL (Continued)

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/28/2007
Comments: DTSC issued a letter to the new RP, Shea Mountain House, LLC, requesting cost reimbursement and to enter into a cleanup agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2007
Comments: DTSC issued a CRU to Accounting to close out the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2007
Comments: DTSC issued a CRU Memo to Accounting to close-out the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 01/23/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/30/2006
Comments: Uploaded Shell Investigation Report for background information.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/13/2006
Comments: Letter review of soil gas workplan issued by CVRWQCB

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/26/2007
Comments: DTSC did not issue final letter. Received final Remedial Action Report prepared for California Regional Water Quality Control Board.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: 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

ENVIROSTOR:
PROPOSED MOUNTAIN HOUSE HIGH SCHOOL  (Continued)

Site Type: School Investigation
Site Type Detailed: School
Acres: 46.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Kamili Siglowide
Supervisor: Juan Koponen
Division Branch: Northern California Schools & Santa Susana
Facility ID: 60000100
Site Code: 104465
Assembly: 13
Senate: 05
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: 09/28/2007
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 37.7623
Longitude: -121.543
APN: 209-450-11, 209-450-12
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: 31001, 30003, 30006, 30007, 30008, 30024, 30025, 3002502, 30272,
  30550, 30593
Confirmed COC: 30003-NO,30006-NO,30007-NO,30008-NO,30024,30025-NO,30550-NO,
  3002502-NO,30593-NO,31001
Potential Description: SOIL, SV
Alias Name: Proposed Mountain House High School
Alias Type: Alternate Name
Alias Name: TRACY JUSD-PROPOSED NEIGHBORHOOD D HIGH
Alias Type: Alternate Name
Alias Name: 209-450-11
Alias Type: APN
Alias Name: 209-450-12
Alias Type: APN
Alias Name: 104465
Alias Type: Project Code (Site Code)
Alias Name: 60000100
Alias Type: Envirostor ID Number
Alias Name: 60000769
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/28/2007
Comments: DTSC issued a letter to the new RP, Shea Mountain House, LLC,
  requesting cost reimbursement and to enter into a cleanup agreement.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2007
Comments: DTSC issued a CRU to Accounting to close out the project.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/28/2007
Comments: DTSC issued a letter to the new RP, Shea Mountain House, LLC,
  requesting cost reimbursement and to enter into a cleanup agreement.
**PROPOSED MOUNTAIN HOUSE HIGH SCHOOL (Continued)**

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<td>DTSC did not issue final letter. Received final Remedial Action Report prepared for California Regional Water Quality Control Board.</td>
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| Future Document Type:   | Not reported |
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<td>CERC-NFRAP</td>
</tr>
<tr>
<td>LIVERMORE</td>
<td>S106931772</td>
<td>SAN ANTONEL VALLEY RANCH CORP.</td>
<td>STAR RT BOX 53</td>
<td>94550</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>LIVERMORE</td>
<td>S110060617</td>
<td>CHEVRON</td>
<td>UNKNOWN I 580 / GRANTLINE</td>
<td>94550</td>
<td>HIST CORTES</td>
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<tr>
<td>MOUNTAIN HOUSE</td>
<td>S110042501</td>
<td>CHEVRON #9-7127</td>
<td>10 GRANT LINE</td>
<td>94550</td>
<td>LUST, Alameda County CS</td>
</tr>
<tr>
<td>MOUNTAIN HOUSE</td>
<td>S108986109</td>
<td>PROPOSED MOUNTAIN HOUSE HIGH SCHO</td>
<td>MASCOT BLVD</td>
<td>95391</td>
<td>SCH, ENVIROSTOR</td>
</tr>
<tr>
<td>TRACY</td>
<td>U001608455</td>
<td>BANTA RD</td>
<td>HIST UST, CHMIRS</td>
<td></td>
<td></td>
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<tr>
<td>TRACY</td>
<td>S106827380</td>
<td>BROWN SAND INC.</td>
<td>BIRD ROAD / I-5</td>
<td></td>
<td>EMI</td>
</tr>
<tr>
<td>TRACY</td>
<td>S106487249</td>
<td>CHEVRON PIPELINE</td>
<td>W GRANT LINE RD</td>
<td></td>
<td>SLIC</td>
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<tr>
<td>TRACY</td>
<td>S106707864</td>
<td>CHEVERON PIPELINE- GRANT LINE</td>
<td>GRANT LINE RD, W</td>
<td></td>
<td>SLIC</td>
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<tr>
<td>TRACY</td>
<td>U001608549</td>
<td>SHELL MOUNTAIN HOUSE PIPELINE</td>
<td>MOUNTAIN HOUSE</td>
<td></td>
<td>SLIC, HIST UST</td>
</tr>
<tr>
<td>TRACY</td>
<td>S104310489</td>
<td>SAND MATERIAL SITE</td>
<td>EAST SIDE OF KASSON RD</td>
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<td>ENF, WDS</td>
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<td>TRACY</td>
<td>S110496276</td>
<td>LAWRENCE LIVERMORE NATIONAL LABOR</td>
<td>SITE 300 PIT RD &amp; 1580</td>
<td></td>
<td>SWF/LF</td>
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<tr>
<td>TRACY</td>
<td>S106610908</td>
<td>CHEVRON</td>
<td>UNKNOWN I 580 / GRANTLINE RD</td>
<td></td>
<td>LUST</td>
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</table>
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.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

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.

**Sources:**

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  - Telephone: 202-564-7333
- EPA Region 1
  - Telephone: 617-918-1143
- EPA Region 3
  - Telephone: 215-814-5418
- EPA Region 4
  - Telephone: 404-562-8033
- EPA Region 5
  - Telephone: 312-886-6686
- EPA Region 10
  - Telephone: 206-553-8665

**Date of Government Version:** 02/01/2013  
**Date Data Arrived at EDR:** 03/01/2013  
**Date Made Active in Reports:** 03/13/2013  
**Number of Days to Update:** 12  
**Source:** EPA  
**Telephone:** N/A  
**Last EDR Contact:** 04/10/2013  
**Next Scheduled EDR Contact:** 07/22/2013  
**Data Release Frequency:** Quarterly

#### 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.

**Sources:**

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  - Telephone: 202-564-7333
- EPA Region 1
  - Telephone: 617-918-1143
- EPA Region 3
  - Telephone: 215-814-5418
- EPA Region 4
  - Telephone: 404-562-8033
- EPA Region 5
  - Telephone: 312-886-6686
- EPA Region 10
  - Telephone: 206-553-8665

**Date of Government Version:** 02/01/2013  
**Date Data Arrived at EDR:** 03/01/2013  
**Date Made Active in Reports:** 03/13/2013  
**Number of Days to Update:** 12  
**Source:** EPA  
**Telephone:** N/A  
**Last EDR Contact:** 04/10/2013  
**Next Scheduled EDR Contact:** 07/22/2013  
**Data Release Frequency:** Quarterly

#### 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.

**Sources:**

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  - Telephone: 202-564-7333
- EPA Region 1
  - Telephone: 617-918-1143
- EPA Region 3
  - Telephone: 215-814-5418
- EPA Region 4
  - Telephone: 404-562-8033
- EPA Region 5
  - Telephone: 312-886-6686
- EPA Region 10
  - Telephone: 206-553-8665

**Date of Government Version:** 10/15/1991  
**Date Data Arrived at EDR:** 02/02/1994  
**Date Made Active in Reports:** 03/30/1994  
**Number of Days to Update:** 56  
**Source:** EPA  
**Telephone:** 202-564-4267  
**Last EDR Contact:** 08/15/2011  
**Next Scheduled EDR Contact:** 11/28/2011  
**Data Release Frequency:** No Update Planned
Federal Delisted NPL site list

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: 02/01/2013
- Source: EPA
- Telephone: N/A
- Last EDR Contact: 04/10/2013
- Next Scheduled EDR Contact: 07/22/2013
- Data Release Frequency: Quarterly

Federal CERCLIS list

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: 02/04/2013
- Source: EPA
- Telephone: 703-412-9810
- Last EDR Contact: 04/05/2013
- Next Scheduled EDR Contact: 06/10/2013
- Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

- Date of Government Version: 07/31/2012
- Source: Environmental Protection Agency
- Telephone: 703-603-8704
- Last EDR Contact: 04/10/2013
- Next Scheduled EDR Contact: 07/22/2013
- Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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: 02/05/2013
- Source: EPA
- Telephone: 703-412-9810
- Last EDR Contact: 04/05/2013
- Next Scheduled EDR Contact: 03/11/2013
- Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.
Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDf: RCRA - Treatment, 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.

Federal RCRA generators list

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.

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.

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.
Federal institutional controls / engineering controls registries

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: 12/19/2012
- Date Data Arrived at EDR: 12/26/2012
- Date Made Active in Reports: 02/27/2013
- Number of Days to Update: 63
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 03/11/2013
- Next Scheduled EDR Contact: 06/24/2013
- 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: 12/19/2012
- Date Data Arrived at EDR: 12/26/2012
- Date Made Active in Reports: 02/27/2013
- Number of Days to Update: 63
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 03/11/2013
- Next Scheduled EDR Contact: 06/24/2013
- 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: 02/18/2013
- Next Scheduled EDR Contact: 06/03/2013
- Data Release Frequency: Varies

Federal ERNS list
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: 12/31/2012
- Date Data Arrived at EDR: 01/17/2013
- Date Made Active in Reports: 02/15/2013
- Number of Days to Update: 29
- Source: National Response Center, United States Coast Guard
- Telephone: 202-267-2180
- Last EDR Contact: 04/02/2013
- Next Scheduled EDR Contact: 07/15/2013
- Data Release Frequency: Annually

State- and tribal - equivalent NPL
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: 03/13/2013
- Date Data Arrived at EDR: 03/14/2013
- Date Made Active in Reports: 03/27/2013
- Number of Days to Update: 13
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 03/14/2013
- Next Scheduled EDR Contact: 05/20/2013
- Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS
ENVIROSTOR: EnviroStor Database

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

| Date of Government Version: 03/13/2013 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 03/14/2013 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 03/27/2013 | Last EDR Contact: 03/14/2013 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 05/20/2013 |
| | Data Release Frequency: Quarterly |

State and tribal landfill and/or solid waste disposal site lists

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: 02/18/2013 | Source: Department of Resources Recycling and Recovery |
| Date Data Arrived at EDR: 02/18/2013 | Telephone: 916-341-6320 |
| Date Made Active in Reports: 03/20/2013 | Last EDR Contact: 02/18/2013 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 06/03/2013 |
| | Data Release Frequency: Quarterly |

State and tribal leaking storage tank lists

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: 909-782-4496 |
| Date Made Active in Reports: 03/28/2005 | Last EDR Contact: 08/15/2011 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 11/28/2011 |
| | Data Release Frequency: Varies |

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

| Date of Government Version: 02/26/2004 | Source: California Regional Water Quality Control Board Colorado River Basin Region (7) |
| Date Data Arrived at EDR: 02/26/2004 | Telephone: 760-778-8943 |
| Date Made Active in Reports: 03/24/2004 | Last EDR Contact: 08/01/2011 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 11/14/2011 |
| | 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: 760-241-7365 |
| Date Made Active in Reports: 06/29/2005 | Last EDR Contact: 09/12/2011 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 12/26/2011 |
| | 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: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.
Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
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: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
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: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
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: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/19/2013
Next Scheduled EDR Contact: 07/01/2013
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: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
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: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/19/2013
Next Scheduled EDR Contact: 07/01/2013
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: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
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: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
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: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

- 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: 07/01/2011
- Next Scheduled EDR Contact: 10/17/2011
- Data Release Frequency: Varies

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

- 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: 09/12/2011
- Next Scheduled EDR Contact: 12/26/2011
- Data Release Frequency: Semi-Annually

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

- 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: 08/15/2011
- Next Scheduled EDR Contact: 11/28/2011
- Data Release Frequency: Semi-Annually

**SLIC REG 6L:** SLIC Sites

- Date of Government Version: 09/07/2004
- Date Data Arrived at EDR: 09/07/2004
- Date Made Active in Reports: 10/12/2004
- Number of Days to Update: 35
- Source: California Regional Water Quality Control Board, Lahontan Region
- Telephone: 530-542-5574
- Last EDR Contact: 08/15/2011
- Next Scheduled EDR Contact: 11/28/2011
- Data Release Frequency: No Update Planned

**SLIC REG 7:** SLIC List

- Date of Government Version: 11/24/2004
- Date Data Arrived at EDR: 11/29/2004
- Date Made Active in Reports: 01/04/2005
- Number of Days to Update: 36
- Source: California Regional Quality Control Board, Colorado River Basin Region
- Telephone: 760-346-7491
- Last EDR Contact: 08/01/2011
- Next Scheduled EDR Contact: 11/14/2011
- Data Release Frequency: No Update Planned

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

- 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: 09/12/2011
- Next Scheduled EDR Contact: 12/26/2011
- 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: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.
Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 162
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 03/21/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.
Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 03/21/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.
Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska.
Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies
Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 04/18/2013
Number of Days to Update: 30
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/19/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.
Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 916-327-5092
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).
Date of Government Version: 02/21/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 45
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).
Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly
INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012  Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013  Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013  Last EDR Contact: 01/28/2013
Number of Days to Update: 43  Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011  Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011  Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011  Last EDR Contact: 03/21/2013
Number of Days to Update: 34  Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012  Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012  Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012  Last EDR Contact: 03/19/2013
Number of Days to Update: 94  Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013  Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013  Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013  Last EDR Contact: 01/28/2013
Number of Days to Update: 63  Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012  Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012  Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013  Last EDR Contact: 02/01/2013
Number of Days to Update: 156  Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  Source: FEMA
Date Data Arrived at EDR: 02/16/2010  Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010  Last EDR Contact: 04/18/2013
Number of Days to Update: 55  Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Varies
State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 03/13/2013
Date Data Arrived at EDR: 03/14/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 13
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/26/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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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: 01/12/2009  Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009  Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009  Last EDR Contact: 01/28/2013
Number of Days to Update: 137  Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: No Update Planned

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: 02/11/2013
Number of Days to Update: 30  Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/18/2013  Source: Department of Conservation
Date Data Arrived at EDR: 03/19/2013  Telephone: 916-323-3836
Date Made Active in Reports: 03/27/2013  Last EDR Contact: 03/19/2013
Number of Days to Update: 8  Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 03/13/2013  Source: Integrated Waste Management Board
Date Data Arrived at EDR: 03/14/2013  Telephone: 916-341-6422
Date Made Active in Reports: 03/27/2013  Last EDR Contact: 03/04/2013
Number of Days to Update: 13  Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

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  Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007  Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008  Last EDR Contact: 02/05/2013
Number of Days to Update: 52  Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US 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.
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.

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.

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.

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.

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this website 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.
Local Lists of Registered Storage Tanks

**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

**UST MENDOCINO: Mendocino County UST Database**
A listing of underground storage tank locations in Mendocino County.

- Date of Government Version: 09/23/2009
- Source: Department of Public Health
- Date Data Arrived at EDR: 09/23/2009
- Telephone: 707-463-4466
- Date Made Active in Reports: 10/01/2009
- Last EDR Contact: 03/04/2013
- Number of Days to Update: 8
- Next Scheduled EDR Contact: 06/17/2013
- Data Release Frequency: 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

**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

Local Land Records

**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: 02/16/2012
- Source: Environmental Protection Agency
- Date Data Arrived at EDR: 03/26/2012
- Telephone: 202-564-6023
- Date Made Active in Reports: 06/14/2012
- Last EDR Contact: 04/10/2013
- Number of Days to Update: 80
- Next Scheduled EDR Contact: 05/13/2013
- Data Release Frequency: Varies

**LIENS: Environmental Liens Listing**
A listing of property locations with environmental liens for California where DTSC is a lien holder.

- Date of Government Version: 03/15/2013
- Source: Department of Toxic Substances Control
- Date Data Arrived at EDR: 03/15/2013
- Telephone: 916-323-3400
- Date Made Active in Reports: 03/27/2013
- Last EDR Contact: 03/11/2013
- Number of Days to Update: 12
- Next Scheduled EDR Contact: 06/24/2013
- Data Release Frequency: Varies
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: 03/11/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 13

Records of Emergency Release Reports

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

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: 12/06/2012
Date Data Arrived at EDR: 01/29/2013
Date Made Active in Reports: 03/19/2013
Number of Days to Update: 49

LDS: Land Disposal Sites Listing
The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

MCS: Military Cleanup Sites Listing
The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Other Ascertainable Records
RCRA NonGen / NLR: 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: 02/12/2013  Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/15/2013  Telephone: (415) 495-8895
Date Made Active in Reports: 02/27/2013  Last EDR Contact: 04/03/2013
Number of Days to Update: 12  Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012  Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012  Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012  Last EDR Contact: 02/05/2013
Number of Days to Update: 42  Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

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  Source: USGS
Date Data Arrived at EDR: 11/10/2006  Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 04/19/2013
Number of Days to Update: 62  Next Scheduled EDR Contact: 07/29/2013
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: 12/31/2011  Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/26/2013  Telephone: 202-528-4285
Date Made Active in Reports: 03/13/2013  Last EDR Contact: 03/11/2013
Number of Days to Update: 15  Next Scheduled EDR Contact: 06/24/2013
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.

Date of Government Version: 12/31/2011  Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/15/2013  Telephone: Varies
Date Made Active in Reports: 03/13/2013  Last EDR Contact: 04/01/2013
Number of Days to Update: 57  Next Scheduled EDR Contact: 07/15/2013
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: 12/18/2012  Source: EPA
Date Data Arrived at EDR: 03/13/2013  Telephone: 703-416-0223
Date Made Active in Reports: 04/12/2013  Last EDR Contact: 03/13/2013
Number of Days to Update: 30  Next Scheduled EDR Contact: 06/24/2013
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: 09/14/2010
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

US 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: 08/18/2011
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2013
Next Scheduled EDR Contact: 06/17/2013
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.

Date of Government Version: 12/31/2009
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
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: 12/31/2006
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2013
Next Scheduled EDR Contact: 07/08/2013
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: 04/09/2009
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
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: 04/09/2009
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
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 INSPI: 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.

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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/15/2013
Next Scheduled EDR Contact: 07/29/2013
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60
Next Scheduled EDR Contact: 06/24/2013
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: 01/08/2013
Date Data Arrived at EDR: 01/09/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 93
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79
Next Scheduled EDR Contact: 06/24/2013
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Next Scheduled EDR Contact: 09/01/2008
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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Biennially
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
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.
Date of Government Version: 02/18/2013
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

CORTES: "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).
Date of Government Version: 01/02/2013
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

HIST CORTES: Hazardous Waste & Substance Site 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
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.
Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/19/1993
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: 03/25/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: No Update Planned

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 launderers; laundry and garment services.
Date of Government Version: 12/11/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 23
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually
WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.
Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

ENF: Enforcement Action Listing
Date of Government Version: 01/08/2013
Date Data Arrived at EDR: 01/29/2013
Date Made Active in Reports: 03/19/2013
Number of Days to Update: 49
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/08/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 49
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
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: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/29/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Varies

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: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.
Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/23/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies
PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Protection Agency</th>
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<td>Data Release Frequency: Varies</td>
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PROC: Certified Processors Database
A listing of certified processors.

<table>
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<tr>
<th>Date of Government Version</th>
<th>Source: Department of Conservation</th>
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<tbody>
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<td>Data Release Frequency: Quarterly</td>
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</table>

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Public Health</th>
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<tr>
<td>Date Data Arrived at EDR</td>
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COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

<table>
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<tr>
<th>Date of Government Version</th>
<th>Source: Department of Energy</th>
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<tr>
<td>Date Data Arrived at EDR</td>
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<td>Data Release Frequency: Varies</td>
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COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Protection Agency</th>
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<td>Data Release Frequency: Varies</td>
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</table>

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Toxic Substances Control</th>
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<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 916-440-7145</td>
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<td>Date Made Active in Reports</td>
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<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
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HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.
<table>
<thead>
<tr>
<th>Data Item</th>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
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<td>Financial Assurance 2</td>
<td>02/19/2013</td>
<td>02/20/2013</td>
<td>03/20/2013</td>
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<td>California Integrated Waste Management Board</td>
<td>916-341-6066</td>
<td>02/18/2013</td>
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<td>Financial Assurance 1</td>
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<td>05/13/2013</td>
<td>Varies</td>
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</tbody>
</table>

**EDR HIGH RISK HISTORICAL RECORDS**

**EDR Exclusive Records**

**EDR MGP: 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.
EDR US Hist Auto Stat:  EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential
gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited
to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station
establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station,
filling station, auto, automobile repair, auto service station, service station, etc. This database falls within
a category of information EDR classifies as “High Risk Historical Records”, or HRHR. EDR’s HRHR effort presents
unique and sometimes proprietary data about past sites and operations that typically create environmental concerns,
but may not show up in current government records searches.

EDR US Hist Cleaners:  EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential
dry cleaner sites that were available to EDR researchers. EDR’s review was limited to those categories of sources
that might, in EDR’s opinion, include dry cleaning establishments. The categories reviewed included, but were
not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls
within a category of information EDR classifies as “High Risk Historical Records”, or HRHR. EDR’s HRHR effort presents
unique and sometimes proprietary data about past sites and operations that typically create environmental concerns,
but may not show up in current government records searches.

EDR US Hist Cleaners:  EDR Proprietary Historic Dry Cleaners - Cole

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 groundwater contamination
from leaking petroleum USTs).
Underground Tanks
Underground storage tank sites located in Alameda county.

| Date of Government Version: 01/16/2013 | Source: Alameda County Environmental Health Services |
| Date Data Arrived at EDR: 01/17/2013 | Telephone: 510-567-6700 |
| Date Made Active in Reports: 01/31/2013 | Last EDR Contact: 02/01/2013 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 07/15/2013 |
| 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: 11/27/2012 | Source: Contra Costa Health Services Department |
| Date Data Arrived at EDR: 11/28/2012 | Telephone: 925-646-2286 |
| Date Made Active in Reports: 01/15/2013 | Last EDR Contact: 02/04/2013 |
| Number of Days to Update: 48 | Next Scheduled EDR Contact: 05/20/2013 |
| Data Release Frequency: Semi-Annually | |

KERN COUNTY:
Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

| Date of Government Version: 08/31/2010 | Source: Kern County Environment Health Services Department |
| Date Data Arrived at EDR: 09/01/2010 | Telephone: 661-862-8700 |
| Date Made Active in Reports: 09/30/2010 | Last EDR Contact: 02/11/2013 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 05/27/2013 |
| 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: 03/30/2009 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 03/31/2009 | Telephone: 415-972-3178 |
| Date Made Active in Reports: 10/23/2009 | Last EDR Contact: 04/15/2013 |
| Number of Days to Update: 206 | Next Scheduled EDR Contact: 07/01/2013 |
| Data Release Frequency: No Update Planned | |

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

| Date of Government Version: 10/31/2012 | Source: Department of Public Works |
| Date Data Arrived at EDR: 12/28/2012 | Telephone: 626-458-3517 |
| Date Made Active in Reports: 01/25/2013 | Last EDR Contact: 04/15/2013 |
| Number of Days to Update: 28 | Next Scheduled EDR Contact: 07/29/2013 |
| Data Release Frequency: Semi-Annually | |
List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

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

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

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

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.
## NAPA COUNTY:

### Sites With Reported Contamination

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

<table>
<thead>
<tr>
<th>Date of Government Version: 12/05/2011</th>
<th>Source: Napa County Department of Environmental Management</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR: 12/06/2011</td>
<td>Telephone: 707-253-4269</td>
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<td>Date Made Active in Reports: 02/07/2012</td>
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<td>Data Release Frequency: No Update Planned</td>
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### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

<table>
<thead>
<tr>
<th>Date of Government Version: 01/15/2008</th>
<th>Source: Napa County Department of Environmental Management</th>
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## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

<table>
<thead>
<tr>
<th>Date of Government Version: 02/04/2013</th>
<th>Source: Health Care Agency</th>
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<tbody>
<tr>
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<tr>
<td></td>
<td>Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

<table>
<thead>
<tr>
<th>Date of Government Version: 02/04/2013</th>
<th>Source: Health Care Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 02/19/2013</td>
<td>Telephone: 714-834-3446</td>
</tr>
<tr>
<td>Date Made Active in Reports: 03/20/2013</td>
<td>Last EDR Contact: 02/12/2013</td>
</tr>
<tr>
<td>Number of Days to Update: 29</td>
<td>Next Scheduled EDR Contact: 05/27/2013</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

<table>
<thead>
<tr>
<th>Date of Government Version: 02/04/2013</th>
<th>Source: Health Care Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 02/18/2013</td>
<td>Telephone: 714-834-3446</td>
</tr>
<tr>
<td>Date Made Active in Reports: 03/27/2013</td>
<td>Last EDR Contact: 02/12/2013</td>
</tr>
<tr>
<td>Number of Days to Update: 37</td>
<td>Next Scheduled EDR Contact: 05/27/2013</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

## PLACER COUNTY:
Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.
Date of Government Version: 03/12/2013  Source: Placer County Health and Human Services
Date Data Arrived at EDR: 03/13/2013  Telephone: 530-745-2363
Date Made Active in Reports: 03/27/2013  Last EDR Contact: 03/11/2013
Number of Days to Update: 14  Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:
Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 02/04/2013  Source: Department of Environmental Health
Date Data Arrived at EDR: 02/05/2013  Telephone: 951-358-5055
Date Made Active in Reports: 03/20/2013  Last EDR Contact: 03/25/2013
Number of Days to Update: 43  Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.
Date of Government Version: 02/04/2013  Source: Department of Environmental Health
Date Data Arrived at EDR: 02/05/2013  Telephone: 951-358-5055
Date Made Active in Reports: 03/27/2013  Last EDR Contact: 03/25/2013
Number of Days to Update: 50  Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:
Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.
Date of Government Version: 11/29/2012  Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 01/10/2013  Telephone: 916-875-8406
Date Made Active in Reports: 02/22/2013  Last EDR Contact: 04/08/2013
Number of Days to Update: 43  Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.
Date of Government Version: 11/02/2012  Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 01/15/2013  Telephone: 916-875-8406
Date Made Active in Reports: 02/22/2013  Last EDR Contact: 04/08/2013
Number of Days to Update: 38  Next Scheduled EDR Contact: 07/22/2013
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.
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.)

Solid Waste Facilities
San Diego County Solid Waste Facilities.

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.

SAN FRANCISCO COUNTY:

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

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

SAN JOAQUIN COUNTY:
SAN JOAQUIN COUNTY:

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

Date of Government Version: 03/25/2013
Date Data Arrived at EDR: 03/25/2013
Date Made Active in Reports: 04/18/2013
Number of Days to Update: 24
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/25/2013
Next Scheduled EDR Contact: 07/08/2013
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: 01/02/2013
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Annually

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

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
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
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: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/06/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 19
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 34
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Annually

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING
Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Underground Storage Tanks
Underground storage tank sites located in Solano county.

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Source: Department of Health Services
Telephone: 707-565-6565

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

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.

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

Source: Environmental Health Division
Telephone: 805-654-2813

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Annually
Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.
Date of Government Version: 01/28/2013
Date Data Arrived at EDR: 02/01/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 47
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/29/2013
Next Scheduled EDR Contact: 05/13/2013
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: 12/04/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 36
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

YOLO COUNTY:
Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.
Date of Government Version: 12/19/2012
Date Data Arrived at EDR: 12/28/2012
Date Made Active in Reports: 01/30/2013
Number of Days to Update: 33
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/25/2013
Next Scheduled EDR Contact: 07/08/2013
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: 02/18/2013
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/21/2013
Number of Days to Update: 31
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Annually
NJ MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
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: 02/01/2013
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 36
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/07/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57
Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information
Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70
Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.
Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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.

STREET AND ADDRESS INFORMATION

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Groundwater flow direction and velocity are crucial factors in assessing the impact of contaminant migration. Understanding these parameters helps in evaluating the potential spread of contaminants within the subsurface environment.

1. **Groundwater flow direction:**
   - **Surface topography:** Influences the direction of groundwater flow. Higher ground typically has a downhill flow towards lower ground.
   - **Hydrology:** The presence of surface water bodies like rivers, streams, or lakes can alter the flow direction.
   - **Hydrogeology:** The properties of the soil and rock layers affect the flow direction. Porous and permeable layers allow more water flow, while impermeable layers slow it down or stop it altogether.
   - **Geologic strata:** Different rock layers can direct groundwater flow, sometimes causing it to flow in unexpected directions.

2. **Groundwater flow velocity:**
   - **Nature of the soil:** Soil texture and composition can influence flow velocity. Fine-grained soils are more permeable and allow faster flow than coarse-grained soils.
   - **Nearby wells:** Groundwater flow velocity can be impacted by the presence and operation of nearby wells. Water extracted from wells can cause adjacent groundwater to flow towards the wells.
   - **Groundwater levels:** Higher groundwater levels can speed up flow by reducing the pressure head needed for water to move.

Assessing these factors requires a thorough understanding of the local geology and hydrogeology. EDR's GeoCheck Physical Setting Source Addendum is provided to assist environmental professionals in forming an opinion about the impact of potential contaminant migration.
GROUNDWATER FLOW DIRECTION INFORMATION
Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

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

TARGET PROPERTY TOPOGRAPHY
General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.
HYDROLOGIC INFORMATION
Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

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

FEMA FLOOD ZONE

<table>
<thead>
<tr>
<th>Target Property County</th>
<th>FEMA Flood Electronic Data</th>
<th>YES - refer to the Overview Map and Detail Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALAMEDA, CA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flood Plain Panel at Target Property</th>
<th>06001C - FEMA DFIRM Flood data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Panels in search area:</td>
<td>06077C - FEMA DFIRM Flood data</td>
</tr>
<tr>
<td></td>
<td>06013C - FEMA DFIRM Flood data</td>
</tr>
</tbody>
</table>

NATIONAL WETLAND INVENTORY

<table>
<thead>
<tr>
<th>NWI Quad at Target Property</th>
<th>NWI Electronic Data Coverage</th>
<th>YES - refer to the Overview Map and Detail Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIDWAY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION FROM TP</th>
<th>GENERAL DIRECTION GROUNDWATER FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Reported</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Era:</th>
<th>Mesozoic</th>
</tr>
</thead>
<tbody>
<tr>
<td>System:</td>
<td>Cretaceous</td>
</tr>
<tr>
<td>Series:</td>
<td>Upper Cretaceous</td>
</tr>
<tr>
<td>Code:</td>
<td>uK</td>
</tr>
</tbody>
</table>

GEOLOGIC AGE IDENTIFICATION

<table>
<thead>
<tr>
<th>Category:</th>
<th>Stratified Sequence</th>
</tr>
</thead>
</table>

(decoded above as Era, System & Series)

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: Altamont
Soil Surface Texture: clay
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class: Well drained
Hydric Status: Partially hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches

<table>
<thead>
<tr>
<th>Soil Layer Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Layer</strong></td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>
Soil Map ID: 2

Soil Component Name: Altamont
Soil Surface Texture: clay
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class: Well drained
Hydric Status: Partially hydric
Corrosion Potential - Uncoated Steel: High

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

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity (micro m/sec)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>27 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>Not reported</td>
</tr>
<tr>
<td>2</td>
<td>27 inches</td>
<td>50 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>Not reported</td>
</tr>
<tr>
<td>3</td>
<td>50 inches</td>
<td>53 inches</td>
<td>weathered bedrock</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>4.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>4.000</td>
</tr>
</tbody>
</table>

### FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USGS40000185208</td>
<td>2 - 3 Miles WSW</td>
</tr>
<tr>
<td>A3</td>
<td>USGS40000185175</td>
<td>2 - 3 Miles SE</td>
</tr>
<tr>
<td>5</td>
<td>USGS40000185505</td>
<td>3 - 4 Miles ENE</td>
</tr>
<tr>
<td>7</td>
<td>USGS40000185339</td>
<td>3 - 4 Miles East</td>
</tr>
<tr>
<td>8</td>
<td>USGS40000185527</td>
<td>3 - 4 Miles NE</td>
</tr>
<tr>
<td>B9</td>
<td>USGS40000185159</td>
<td>3 - 4 Miles ESE</td>
</tr>
<tr>
<td>B10</td>
<td>USGS40000185157</td>
<td>3 - 4 Miles ESE</td>
</tr>
<tr>
<td>C12</td>
<td>USGS40000185600</td>
<td>3 - 4 Miles NNE</td>
</tr>
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### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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### OTHER STATE DATABASE INFORMATION

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###### Lower

- **Org. Identifier:** USGS-CA
- **Formal name:** USGS California Water Science Center
- **Monloc Identifier:** USGS-374354121383401
- **Monloc name:** 002S004E25H001M
- **Monloc type:** Well
- **Monloc desc:** Not Reported
- **Huc code:** 18040003
- **Drainage area Units:** Not Reported
- **Contrib drainage area:** Not Reported
- **Constr date:** 1975-07-17
- **Well depth:** 137.00
- **Well depth units:** feet
- **Vert acc measure units:** feet
- **Vert acc measure val:** 10
- **Vert collection method:** Interpolated from topographic map
- **Vert measure val:** 71.00
- **Vert measure units:** feet
- **Vert coord refsys:** NAD83
- **Vert coord ref:** 37.7315957
- **Vert coord ref refsys:** NGVD29
- **Vert coord ref value:** 113.00
- **Vert coord ref acc measure:** 1
- **Vert coord ref acc measure units:** feet
- **Vert coord ref acc measure val:** 24000
- **Vert coord ref acc measure refsys:** feet
- **Horiz coord refsys:** NAD83
- **Horiz coord ref:** 37.7241
- **Horiz coord ref refsys:** NGVD29
- **Horiz coord ref value:** 121.5675
- **Horiz coord ref acc measure:** 1
- **Horiz coord ref acc measure units:** seconds
- **Horiz coord ref acc measure val:** 37.7315957
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- **Drainage area Units:** Not Reported
- **Drainage area:** Not Reported
- **Contrib drainage area Units:** Not Reported
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- **Vert collection method:** Interpolated from topographic map
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- **Horiz acc measure val:** 37.7315957
- **Horiz acc measure refsys:** feet
- **Formation type:** Not Reported
- **Formation name:** Other aquifers
- **Aquifer type:** Not Reported
- **Aquifer name:** Other aquifers
- **Ground-water levels:**
  - Number of Measurements: 1
  - Date: 1975-07-17
  - Feet below Surface
  - Feet to Sealevel

- **Database:** FED USGS
- **EDR ID Number:** USGS40000185208

### A3
#### SE
##### 2 - 3 Miles
###### Lower

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- **Monloc type:** Well
- **Monloc desc:** Not Reported
- **Huc code:** 18040003
- **Drainage area Units:** Not Reported
- **Contrib drainage area:** Not Reported
- **Constr date:** 1975-07-17
- **Well depth:** 137.00
- **Well depth units:** feet
- **Vert acc measure units:** feet
- **Vert acc measure val:** 10
- **Vert collection method:** Interpolated from topographic map
- **Vert measure val:** 71.00
- **Vert measure units:** feet
- **Vert coord refsys:** NAD83
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- **Vert coord ref refsys:** NGVD29
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- **Horiz coord ref refsys:** NGVD29
- **Horiz coord ref value:** 121.5675
- **Horiz coord ref acc measure:** 1
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- **Horiz coord ref acc measure refsys:** feet
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- **Formation type:** Not Reported
- **Formation name:** Other aquifers
- **Ground-water levels:**
  - Number of Measurements: 1
  - Date: 1975-07-17
  - Feet below Surface
  - Feet to Sealevel

- **Database:** FED USGS
- **EDR ID Number:** USGS40000185208
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**Ground-water levels, Number of Measurements:** 1

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3 - 4 Miles
Lower

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**Ground-water levels, Number of Measurements:** 1

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3 - 4 Miles
Lower

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#### 3 - 4 Miles
##### Lower

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TC3586862.1s   Page A-14

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
Construction date: Not Reported
Welldepth units: ft
Welldepth: Not Reported
Wellhole depth units: Not Reported

Ground-water levels, Number of Measurements: 1

Date          Surface  Sealevel
1967-04-01 0.00

8                  NE  3 - 4 Miles  FED USGS  USGS40000185527
                      Lower

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-374624121333201
Monloc name: 0025004E08F001M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18040003
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Drainagearea: Not Reported
Contrib drainagearea units: Not Reported
Contrib drainagearea: Not Reported
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Horiz Acc measure: 1
Horiz Collection method: Interpolated from map
Horiz coord refsys: NAD83
Vert measure units: feet
Vert measure val: 114.00
Vert collection method: Interpolated from topographic map
Vert accmeasure units: feet
Vertacc measure val: 5.
Vert coord refsys: NGVD29
Aquifer name: Central Valley aquifer system
Formation type: Alluvium of the Coast Range, Younger (Pleistocene-Holocene)
Aquifer type: Not Reported
Construction date: Not Reported
Welldepth: Not Reported
Welldepth units: ft
Wellhole depth: Not Reported
Wellhole depth units: Not Reported
Countrycode: US

Ground-water levels, Number of Measurements: 0

B9                  ESE  3 - 4 Miles  FED USGS  USGS400000185159
                      Lower

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Monloc type: Well
Monloc desc: Not Reported
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Welldepth units: ft
Wellhole depth: Not Reported
Wellhole depth units: Not Reported
Countrycode: US

Ground-water levels, Number of Measurements: 0
## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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### B10

**ESE**

**3 - 4 Miles Lower**

**Org. Identifier:** USGS-CA

**Formal name:** USGS California Water Science Center

**Monloc Identifier:** USGS-37432112132401

**Monloc name:** 002S004E29Q001M

**Monloc type:** Well

**Monloc desc:** Not Reported

**Huc code:** 18040003

**Constr drainagearea units:** Not Reported

**Constr drainagearea:** Not Reported

**Longitude:** -121.5577255

**Sourcemap scale:** Not Reported

**Horiz Acc measure:** 1

**Horiz Collection method:** Interpolated from map

**Horiz coord refsys:** NAD83

**Vert measure units:** feet

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### Ground-water levels, Number of Measurements: 0
C12
NNE
3 - 4 Miles
Lower

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-374713121343401
Monloc name: 002S004E006L001M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18040003
Drainagearea Units: Not Reported
Drainagearea: Not Reported
Contrib drainagearea units: Not Reported
Contrib drainagearea: Not Reported
Longitude: -121.5771714
Wellhole depth units: Not Reported
Well hole depth: Not Reported
Construction date: Not Reported
Aquifer name: Central Valley aquifer system
Formation type: Alluvium of the Coast Range, Younger (Pleistocene-Holocene)
Aquifer type: Not Reported
Construction date: Not Reported
Well depth units: ft
Well depth: Not Reported

Ground-water levels, Number of Measurements: 0

C13
NNE
3 - 4 Miles
Lower

Water System Information:
Prime Station Code: 02S/04E-06L01 M
User ID: 01C
FRDS Number: 0105004001
County: Alameda
District Number: 31
Station Type: WELL/AMBTN/MUN/INTAKE
Water Type: Well/Groundwater
Well Status: Active Raw
Source Lat/Long: 374713.0 1213434.0
Precision: 1,000 Feet (10 Seconds)
Source Name: WELL 01
System Number: 0105004
System Name: MOUNTAIN HOUSE SCHOOL
Organization That Operates System: Not Reported
Pop Served: Unknown, Small System
Connections: Unknown, Small System
Area Served: Not Reported
Map ID: D14  
Direction: ENE  
Distance: 3 - 4 Miles  
Elevation: Lower  

Latitude: 37.7577  
Longitude: 121.5417  
Site code: 377577N1215417W001  
Local well: Not Reported  
County id: 39  
Basin cd: 5-22.15  
Org unit n: North Central Region Office  

Wellhole depth units: feet  
Well depth: 19230101  
Construction date: Not Reported  
Aquifer type: Alluvium of the Coast Range, Younger (Pleistocene-Holocene)  
Formation type: Central Valley aquifer system  
Horiz coord refsys: Interpolated from map  
Vert coord refsys: NGVD29  
Vert acc measure units: feet  
Vert acc measure: Not Reported  

Ground-water levels, Number of Measurements: 0

Map ID: D15  
Direction: ENE  
Distance: 3 - 4 Miles  
Elevation: Lower  

Latitude: 37.7577  
Longitude: 121.5417  
Site code: 377577N1215417W001  
Local well: Not Reported  
County id: 39  
Basin cd: 5-22.15  
Org unit n: North Central Region Office  

Wellhole depth units: feet  
Well depth: 19230101  
Construction date: Not Reported  
Aquifer type: Alluvium of the Coast Range, Younger (Pleistocene-Holocene)  
Formation type: Central Valley aquifer system  
Horiz coord refsys: Interpolated from map  
Vert coord refsys: NGVD29  
Vert acc measure units: feet  
Vert acc measure: Not Reported  

Ground-water levels, Number of Measurements: 0

Map ID: E16  
Direction: ESE  
Distance: 3 - 4 Miles  
Elevation: Lower  

Latitude: 37.7282  
Longitude: 121.5403  
Site code: 377282N1215403W001  
Local well: Not Reported  
County id: 39  
Basin cd: 5-22.15  
Org unit n: North Central Region Office  

Wellhole depth units: Not Reported  
Well hole: 02S04E16L001M  
Casgem sta: 02S04E16L001M  
Casgem s 1: Unknown  

Ground-water levels, Number of Measurements: 0
### E17
#### ESE
#### 3 - 4 Miles
#### Lower

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#### NNW
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TC3586862.1s  Page A-18
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**FRDS Number:** 0710800002  
**County:** Contra Costa  
**District Number:** 04  
**Station Type:** CANAL  
**Water Type:** Surface Water  
**Source Lat/Long:** 374800.0 1213800.0  
**Source Name:** CALIFORNIA AQUEDUCT - TREATED  
**System Number:** 0710800  
**System Name:** DWR DELTA FIELD DIVISION-BANKS PUMP  
**Organization That Operates System:** Not Reported  
**Pop Served:** Unknown, Small System  
**Area Served:** Not Reported  
**Sample Collected:** 01/11/2006  
**Chemical:** PH, LABORATORY  
**Findings:** 7.4

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### Water System Information:

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**FRDS Number:** 0710800001  
**County:** Contra Costa  
**District Number:** 04  
**Station Type:** CANAL/AMBNT/MUN/INTAKE  
**Water Type:** Surface Water  
**Source Lat/Long:** 374800.0 1213800.0  
**Source Name:** CALIFORNIA AQUEDUCT - RAW  
**System Number:** 0710800  
**System Name:** DWR DELTA FIELD DIVISION-BANKS PUMP  
**Organization That Operates System:** Not Reported  
**Pop Served:** Unknown, Small System  
**Area Served:** Not Reported  
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**Chemical:** ALUMINUM  
**Findings:** 0.11 MG/L  
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**Chemical:** FLUORIDE (F) (NATURAL-SOURCE)  
**Findings:** 2.3 UG/L  
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6 WNW 3 - 4 Miles

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Federal EPA Radon Zone for ALAMEDA County: 2

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

Federal Area Radon Information for ALAMEDA COUNTY, CA

Number of sites tested: 49

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<th>Area</th>
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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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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.

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

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
Oil and Gas well locations in the state.

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.
APPENDIX B

SITE RECONNAISSANCE PHOTOGRAPHS
Photograph No. 1: Looking southerly at the entrance to the Pombo parcel

Photograph No. 2: Looking easterly at the Pombo parcel
Photograph No. 3: Looking east-southeasterly at the Pombo parcel

Photograph No. 4: Looking southeasterly at the Pombo parcel
Photograph No. 5: Looking southerly at the western row of existing wind turbines at the Pombo parcel

Photograph No. 6: Looking southeasterly at a typical transformer at the Pombo parcel
Photograph No. 7: Looking southeasterly at the central row of turbines and proposed turbine locations at the Pombo parcel

Photograph No. 8: Looking southeasterly at the eastern row of wind turbines and proposed turbine locations at the Pombo parcel
Phase I Environmental Site Assessment Update
Sand Hill Wind Generation, Altamont Holdings

Photograph No. 9: Looking southerly at the warehouse building at the Pombo parcel

Photograph No. 10: Looking westerly at the interior of the warehouse building at the Pombo parcel
Photograph No. 11: Looking easterly at the boneyard at the Pombo parcel

Photograph No. 12: Looking southwesterly at a wooden structure at the Pombo parcel
Photograph No. 13: Looking southerly at a corral at the Pombo parcel

Photograph No. 14: Looking southerly at the western adjacent parcel to the Pombo Parcel
Photograph No. 15: Looking southwesterly at the western adjacent parcel to the Pombo Parcel

Photograph No. 16: Looking westerly at the western adjacent parcel to the Pombo Parcel and former turbine locations
Photograph No. 17: Looking northerly at the house and outbuildings north of the Pombo parcel

Photograph No. 18: Looking southeasterly at the southern adjacent Interstate 580 and easements
Photograph No. 19: Looking easterly at the eastern adjacent property

Photograph No. 20: Looking southwesterly at the western adjacent property
Photograph No. 21: Looking westerly at the Ralph parcels

Photograph No. 22: Looking northwesterly at the Ralph parcels
Photograph No. 23: Looking northerly at the Ralph parcels

Photograph No. 24: Looking northerly at the access road and an existing row of turbines at the Ralph parcels
Photograph No. 25: Looking westerly at a pond at the entrance to the Ralph parcels

Photograph No. 26: Looking westerly at a typical transformer and equipment building at the Ralph parcels
Photograph No. 27: Looking northeasterly at the interior of an equipment shed at the Ralph parcels

Photograph No. 28: Looking easterly at the interior of an equipment shed at the Ralph parcels
Photograph No. 29: Looking southeasterly at the interior of an equipment shed at the Ralph parcels

Photograph No. 30: Looking southeasterly at a row of existing turbines and proposed turbines at the Ralph parcels
Photograph No. 31: Looking northerly at a row of existing turbines and proposed turbines at the Ralph parcels

Photograph No. 32: Looking easterly at a boneyard at the Ralph parcels
Photograph No. 33: Looking northerly at the Site

Photograph No. 34: Looking northerly at non-project turbines the Ralph parcels
Photograph No. 35: Looking northerly at the northern adjacent parcel of the Ralph parcels

Photograph No. 36: Looking easterly at the eastern adjacent parcels of the Ralph parcels
Photograph No. 37: Looking southerly at the southern adjacent parcel of the Ralph parcels

Photograph No. 38: Looking westerly at the western adjacent parcels of the Ralph parcels
Photograph No. 39: Looking easterly at the entrance to the GB parcels

Photograph No. 40: Looking easterly at the GB parcels
Photograph No. 41: Looking southeasterly at the GB parcels

Photograph No. 42: Looking southerly at the GB parcels
Photograph No. 43: Looking southeasterly at existing turbines at the GB parcels

Photograph No. 44: Looking southwesterly at a typical equipment panel and transformer at the GB parcels
Photograph No. 45: Looking easterly at a wooden shed, portable toilet and boneyard at the GB parcels

Photograph No. 46: Looking southeasterly at a row of existing turbines and proposed turbines at the GB parcels
Photograph No. 47: Looking easterly at the house located north of the GB parcels

Photograph No. 48: Looking southerly at a corral and southern adjacent parcel of the GB parcels
Photograph No. 49: Looking easterly at the eastern adjacent parcels of the GB parcels

Photograph No. 50: Looking westerly at the western adjacent parcel of the GB parcels
Photograph No. 51: Looking northerly at rows of existing turbines and proposed turbines at the AC parcels

Photograph No. 52: Looking northwesterly at a typical equipment cabinet and transformer at the AC parcels
Photograph No. 53: Looking northerly at additional rows of existing turbines and proposed turbines at the AC parcels

Photograph No. 54: Looking northerly at the northern adjacent parcels of the AC parcels
Photograph No. 55: Looking southerly at the southern adjacent properties of the AC parcels

Photograph No. 56: Looking easterly at the canal to the east
Photograph No. 57: Looking westerly at the western adjacent parcels
APPENDIX C

ENVIRONMENTAL PROFESSIONAL CREDENTIALS
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PROFESSIONAL CREDENTIALS

Derrick J. Coleman, PhD
Senior Project Manager

NAME: Derrick Coleman

EDUCATION/ TRAINING: B.A., 1975. Physical Geography, University of California; Berkeley, CA
Ph.D., 1982. Geomorphology, Johns Hopkins University, Baltimore, MD

CERTIFICATIONS: HAZWOPER 8-hour Hazardous Waste Operations Annual Refresher Training (most recent), February 2011
OSHA 8-hour Hazardous Waste Operations Site Supervisor Training, 1992

EXPERIENCE: Dr. Coleman has over 30 years of experience in environmental consulting, with a significant portion in hazardous materials and hazardous waste investigations and assessment. An experienced project manager, he has been responsible for a number of large environmental evaluation projects with significant technical analyses and impact evaluations, as well as requirements for thorough discussion and explanation of results. In addition to management responsibilities he has performed hydrologic and hydraulic analyses and designs to address coastal and riverine flooding, erosion, and sedimentation, dredged sediment disposal, and stream channel stabilization. He has conducted, and directed field reconnaissance surveys and field evaluations related to both assessment and modeling efforts. His specific skills and expertise include, but are not limited to the following:

- Soil/Sediment Quality
- Surface Water Sampling
- Remedial Investigation
- Site Characterization
- Soil/Sediment Sampling
- Water Quality
- Groundwater, Soil, Sediment Sampling
- UST Removal & Closure, Corrective Action
PROFESSIONAL CREDENTIALS

D. Edward MacDaniel
Geologist

NAME: D. Edward MacDaniel

EDUCATION/ TRAINING:
B.S., 1988. Geology, Indiana University; Bloomington, IN

CERTIFICATIONS:
HAZWOPER 8-hour Hazardous Waste Operations Annual Refresher Training (most recent), 2011.
OSHA 8-hour Hazardous Waste Operations Site Supervisor Training, 1992
HAZWOPER 40-Hour Health and Safety Training, in accordance with OSHA requirements detailed in 29 CFR 1910.120, 1989

EXPERIENCE:
Mr. MacDaniel has more than 18 years of experience conducting Phase I and II Environmental Site Assessments on commercial, industrial and multi-family residential properties throughout the United States for a wide range of clients. He has also managed environmental planning, permitting, design, and field remediation activities. His remediation activities have addressed underground storage tank installation, monitoring, and removal projects; soil and groundwater contaminant cleanup projects; and wetland mitigation projects. Specific activities have included the following:

- Hazardous Materials Audits
- Monitoring Well Installation
- Soil Classification/Logging
- Geotechnical Assessments
- Soil Resistivity Testing
- Environmental Audits
- Levee Investigations
- Groundwater Sampling/Monitoring
- Soil Sampling
- Soil/Sediment Quality Investigations
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