Initial Study

Roseland Creek Community Park

November 2019
Notice of Intent to Adopt a Mitigated Negative Declaration

To: Public Agencies, Interested Parties, and Sonoma County Clerk

Project Title: Roseland Creek Community Park Project

Lead Agency: City of Santa Rosa Recreation and Parks Department

Contact: Jen Santos, Deputy Director
City of Santa Rosa
Recreation and Parks Department
55 Stony Point Road
Santa Rosa, CA 95401
Contact: jsantos@ssrcity.org

Review Period: November 19, 2019 to December 18, 2019

In accordance with the State CEQA Guidelines, the City of Santa Rosa Recreation and Parks Department has prepared this notice to inform agencies and interested parties that it is releasing an Initial Study and Proposed Mitigated Negative Declaration (IS/Proposed MND) for the City’s Roseland Creek Community Park Project.

Project Description and Location

The proposed project would develop an approximately 19.49-acre project site on four contiguous parcels located between Burbank Avenue and McMinn Avenue in the Roseland neighborhood in southwest Santa Rosa. The park is designed to preserve and enhance the habitat values of the existing grassland, oak woodland, riparian and purple needlegrass habitat areas on the site. Trails and interpretive signs are proposed for the northern section of the park, with existing grassland to remain. The central portion of the site contains the oak woodland habitat, which would be left intact and would also contain trails and interpretive signs. A nature center and restroom building would be constructed near the parking lot on the west side of the park, north of the creek. A picnic area and outdoor classroom or community garden are proposed to be located along the northern side of the riparian corridor at the edge of the oak woodland. On the south side of the riparian corridor, there would be a restroom near the parking lot, picnic areas (including a group BBQ area with a shade structure and sink), a nature-themed play area, a multi-use turf area, and sports court. A trail surrounding the multi-use turf and play areas would include fitness stations. The existing purple
needlegrass grassland area near the southeast corner of the site would be preserved, with trails encircling it. A potential future off-site trail connection to the multi-use trail is proposed near the eastern park boundary along the south side of Roseland Creek.

Providing Comments

A 30-day review period will extend from November 19, 2019 to December 18, 2019. The IS/Proposed MND will be available for public review online at https://srcity.org/2448/Park-Projects, and at the following locations:

- City Recreation and Parks Department, 55 Stony Point Road,
- Sonoma County Clerk-Recorder Office, 585 Fiscal Drive, Room 103

Agencies and interested parties may provide written comments on the IS/Proposed MND for the project. Comments may be directed to the attention of Ms. Jen Santos at 55 Stony Point Road, Santa Rosa, CA 95401.

After the review period closes, the Santa Rosa City Council will consider a recommendation to adopt the IS/Proposed MND for the project during a regularly scheduled public meeting, tentatively scheduled for January 7, 2020. We encourage you to check the City Council webpage to confirm the date and time of the City Council meeting at the following website address: http://www.srcity.org/1322/City-Council

Any changes to the public meeting date and other project-related updates will be posted on the Recreation and Parks Department website at the following link: https://srcity.org/2448/Park-Projects.
MITIGATED NEGATIVE DECLARATION

CIRCULATION PERIOD 11/19/2019 to 12/18/2019

PROJECT NAME Roseland Creek Community Park Project

PROJECT LOCATION The proposed project would develop an approximately 19.49-acre project site on four contiguous parcels located between Burbank Avenue and McMinn Avenue in the Roseland neighborhood in southwest Santa Rosa.

PROJECT PROPONENT City of Santa Rosa Recreation and Parks Department

Jen Santos, Deputy Director
City of Santa Rosa

CITY CONTACT Recreation and Parks Department
55 Stony Point Road
Santa Rosa, CA 95401

PROJECT DESCRIPTION The project proposes to develop a community park on the approximately 19.49-acre consisting of four City-owned parcels located at 1027 McMinn Avenue, and 1360, 1370 and 1400 Burbank Avenue. Roseland Creek flows from northeast to southwest through the lower portion of the site. The proposed park would include a nature center, an outdoor classroom/community garden, picnic areas, a shade structure, a multi-use turf area, a nature-themed play area, sports court, parking areas, and a network of universally accessible trails including two footbridges across Roseland Creek.

DETERMINATION

In accordance with the City of Santa Rosa’s procedures for compliance with the California Environmental Quality Act (CEQA), the City has conducted an Initial Study to determine whether the proposed project could have a significant effect on the environment. On the basis of that study, the City makes the following determination:

☐ The proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION is hereby adopted.

☒ Although the project, as proposed, could have a significant effect on the environment, there will not be a significant effect on the environment in this case because mitigation measures have been added to the project and, therefore, a MITIGATED NEGATIVE DECLARATION is hereby adopted.

The initial study includes all relevant information regarding the potential environmental effects of the project and confirms the determination that an EIR is not required for the
project. In addition, the following mitigation measures have been incorporated into the project:

**Biological Resources**

**MM BIO-1.1**  
MM BIO-1.1: A qualified biologist shall conduct a roost assessment survey of uninhabited residences located within the project site. The survey will assess use of the structure for roosting as well as potential presence of bats. If the biologist finds no evidence of, or potential to support bat roosting, no further measures are recommended. If evidence of bat roosting is present, additional measures described below should be implemented:

- If evidence of bat roosting is discovered during the pre-construction roost assessment and demolition is planned August 1 through February 28 (outside the bat maternity roosting season), a qualified biologist should implement passive exclusion measures to prevent bats from re-entering the structures. After sufficient time to allow bats to escape and a follow-up survey to determine if bats have vacated the roost, demolition may continue and impacts to special-status bat species will be avoided.

- If a pre-construction roost assessment discovers evidence of bat roosting in the uninhabited residences during the maternity roosting season (March 1 through July 31), and determines maternity roosting bats are present, demolition of maternity roost structures will be avoided during the maternity roosting season or until a qualified biologist determines the roost has been vacated.

**MM BIO-2.1**  
A pre-construction survey to determine the presence of Western pond turtle (WPT) shall be conducted 48 hours prior to the commencement of any construction activities in or adjacent to Roseland Creek within the project site boundaries.

**MM BIO-3.1**  
The project shall implement the following avoidance and mitigation measures contained in the Santa Rosa Plan Conservation Strategy:

- No ground disturbing activities shall be conducted during the wet season (October 15 through April 14) when CTS are likely to move through the site.
In addition to the seasonal work restriction, no ground disturbing activities occur within 48 hours of a rain event (defined as 0.25 inch or greater within a 24-hour period) because CTS are more likely to leave refugia and move during such rain events.

**MM BIO-3.2**

Based upon the Conservation Strategy and PBO, the appropriate ratio for upland habitat mitigation within the site is one acre of mitigation for every one acre of impact; the relevant parameter for determining this ratio is the location of nearest documented breeding habitat areas located between 2,200 feet and 1.3 miles from the site or reported adult occurrences. The project will impact 1.37 acres of CTS upland dispersal habitat, requiring 1.37 acres of mitigation credits. Mitigation is generally recommended to occur within the same area where impacts are taking place or mitigation bank credits may be purchased from an approved mitigation bank. In this case, the project site lies within the Southwest Santa Rosa Preserve System conservation area, southeast from Wright, northeast from Llano, and directly north from Stony Point conservation areas. As stated in the Conservation Strategy, considering the developed nature of the Southwest Santa Rosa Preserve System, other conservation areas are recommended for mitigation. Therefore, the areas recommended to mitigate for habitat lost within the site would be the Wright, Llano, or Stony Point Conservation Areas.

**MM BIO-3.3**

Prior to construction, the City of Santa Rosa shall initiate a formal consultation with the USFWS and CDFW to determine final habitat compensation amounts for impacts to CTS and its habitat.

**MM BIO-4.1**

Construction shall be scheduled to avoid the nesting season to the extent feasible. The nesting season for most birds, including most raptors in the San Francisco Bay area, extends from February 1 through August 15.

**MM BIO-4.2**

If it is not possible to schedule demolition and construction between September and January, pre-construction surveys for nesting birds shall be completed by a qualified ornithologist to ensure that no nests will be disturbed during project implementation. This survey shall be completed no more than 14 days prior to the initiation of construction activities during the early part of the breeding season (February through April) and no more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through...
August). During this survey, the ornithologist will inspect all trees and other possible nesting habitats immediately adjacent to the construction areas for nests. If an active nest is found sufficiently close to work areas to be disturbed by construction, the ornithologist, in consultation with CDFW, will determine the extent of a construction-free buffer zone to be established around the nest, typically 250 feet, to ensure that raptor or migratory bird nests will not be disturbed during project construction.

**MM BIO-4.3**

Any trees or standing snags (i.e. dead standing trees) needing to be removed shall be taken down outside of the bat maternity roosting season (April 1 through August 15). If tree removal is necessary during the maternity season, preconstruction surveys for bat maternity roosts should be conducted by a qualified biologist no less than 14 days prior to the removal of the trees, or snags. Following the removal of any tree at any time of year, that tree shall be allowed to lay undisturbed for one night to allow any roosting bats to leave the tree or snag before chipping, grinding or off-hauling. If special-status bat species are detected during surveys, species avoidance and minimization measures shall be used.

**Cultural Resources**

**MM CUL-1.1**

No prehistoric or historical archaeological sites were found within the study area but a 19th century cemetery is reported to be within the study area. Therefore, any ground disturbing activities in the northeast part of the parcel at 1400 Burbank Avenue (APN 125-331-001) shall be monitored by a professional archaeologist and/or a tribal monitor from culturally affiliated Tribe(s). Implementation of the following mitigation measures will reduce potential impacts to prehistoric and historic resources to less than significant levels.

- If cultural resources are discovered during the project construction (inadvertent discoveries), all work in the area of the find shall cease and a qualified archaeologist and representatives of the culturally affiliated tribe(s) shall be retained by the project sponsor to investigate the find and make recommendations as to treatment and mitigation of any impacts to those resources. A qualified archaeological monitor will be present and will have the authority to stop and redirect grading activities, in consultation with any designated tribal
monitors, to evaluate the significance of any archaeological resources discovered on the property.

- If human remains are encountered, consistent with California Health and Safety Code Section 7050.5, no further disturbance shall occur until the Sonoma County Coroner has made the necessary findings as to origin of the remains. Further, consistent with California Public Resources Code Section 5097.98(b), human remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made.

If the Sonoma County Coroner determines the remains to be Native American, the Native American Heritage Commission shall be contacted within twenty-four (24) hours. The Native American Heritage Commission shall immediately identify the “most likely descendant(s)” and notify them of the discovery. The “most likely descendant(s)” shall make recommendations within forty-eight (48) hours, and engage in consultations with the landowner concerning the treatment of the remains, as provided in Public Resources Code Section 5097.98.

**Hazardous Materials**

**MM HAZ-1.1:** In conformance with state and local laws, a visual inspection/pre-demolition survey shall be conducted prior to the demolition of on-site buildings to determine the presence or absence of asbestos-containing materials and/or lead-based paint.

During demolition activities, all building materials containing lead-based paint shall be removed in accordance with Cal/OSHA Lead in Construction Standard, Title 8, California Code Regulations 1532.1, including employee training, employee air monitoring, and dust control. Any debris or soil containing lead-based paint or coatings would be disposed of at landfills that meet acceptance criteria for the waste being disposed.

All potentially friable ACMs shall be removed in accordance with NESHAP guidelines prior to building demolition or renovation that may disturb the materials. All demolition activities shall be undertaken in accordance with Cal/OSHA standards contained in Title 8 of CCR, Section 1529, to protect workers from asbestos exposure.
A registered asbestos abatement contractor shall be retained to remove and dispose of ACMs identified in the asbestos survey performed for the site in conformance with the standards stated above.

Materials containing more than one percent asbestos are also subject to BAAQMD regulations. Removal of materials containing more than one percent asbestos shall be completed in accordance with BAAQMD requirements and notifications.

**MM HAZ-2.1:** Soil sampling and analytical testing shall be performed on that portion of the site identified as the “refuse dump” in the report entitled Phase I Environmental Site Assessment, Roseland Creek Community Park, 1400 Burbank Avenue, APN 125-331-001, Santa Rosa, California, prepared by Econ, dated February 19, 2010. If hazardous materials are detected at levels that exceed regulatory thresholds, the extent of the contamination shall be identified, and recommendations for a Health and Safety Plan (HSP), Soil Management Plan (SMP), and methods for a cleanup shall be implemented, as applicable. This work shall be performed under the oversight of a regulatory agency such as the Sonoma County Department of Environmental Health and Safety or the Department of Toxic Substances Control.

**Noise and Vibration**

**MM NV-1.1** The City will incorporate the following practices into the construction documents to be implemented by the project contractor:

- Maximize the physical separation between noise generators and noise receptors. Such separation includes, but is not limited to, the following measures:
  - Locate stationary equipment to minimize noise impacts on the community;
  - Minimize backing movements of equipment;
- Use quiet construction equipment whenever possible and properly maintained and muffled internal combustion engine-driven construction equipment;
- Impact equipment (e.g., jack hammers and pavement breakers) shall be hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically-powered tools.
- Compressed air exhaust silencers shall be used on other equipment.
- Prohibit unnecessary idling of internal combustion engines.
• The City will designate a “disturbance coordinator” for construction activities. The coordinator would be responsible for responding to any local complaints regarding construction noise and vibration. The coordinator would determine the cause of the noise or vibration complaint and would implement reasonable measures to correct the problem.

• The construction contractor shall send advance notice in conjunction with the City of Santa Rosa Recreation and Parks Department to neighborhood residents within 300 feet of the project site regarding the construction schedule and including the telephone number for the disturbance coordinator at the construction site. Copies of the advance notice of construction activity shall be provided to the City.

Adopted by City Council, Attested by Director of Recreation and Parks (signed after MND has been approved)
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SECTION 1.0 INTRODUCTION AND PURPOSE

1.1 PURPOSE OF THE INITIAL STUDY

The City of Santa Rosa, as the Lead Agency, has prepared this Initial Study for the Roseland Creek Community Park project in compliance with the California Environmental Quality Act (CEQA), the CEQA Guidelines (California Code of Regulations §15000 et. seq.) and the regulations and policies of the City of Santa Rosa, California.

The project proposes to develop a community park on the approximately 19.49-acre site that would include a nature center, an outdoor classroom/community garden, picnic areas, a shade structure, a multi-use turf area, a nature-themed play area, sports court, parking areas, and a network of universally accessible trails including two footbridges across Roseland Creek. This Initial Study evaluates the environmental impacts that might reasonably be anticipated to result from implementation of the proposed project.

1.2 PUBLIC REVIEW PERIOD

Publication of this Initial Study marks the beginning of a 30-day public review and comment period. During this period, the Initial Study will be available to local, state, and federal agencies and to interested organizations and individuals for review. Written comments concerning the environmental review contained in this Initial Study during the 30-day public review period should be sent to:

City of Santa Rosa
Recreation and Parks Department
55 Stony Point Road
Santa Rosa, CA 95401
Contact: Jen Santos, Deputy Director – Parks
Tel: (707) 543-3781
Email: jsantos@srcity.org

1.3 CONSIDERATION OF THE INITIAL STUDY AND PROJECT

Following the conclusion of the public review period, the Santa Rosa City Council will consider the adoption of the Initial Study/Mitigated Negative Declaration (MND) for the project at a regularly scheduled meeting. The Santa Rosa City Council shall consider the Initial Study/MND together with any comments received during the public review process. Upon adoption of the MND, the City may proceed with project approval actions.

1.4 NOTICE OF DETERMINATION

If the project is approved, a Notice of Determination (NOD) will be filed, which will be available for public inspection and posted within 24 hours of receipt at the County Clerk’s Office for 30 days. The filing of the NOD starts a 30-day statute of limitations on court challenges to the approval under CEQA [CEQA Guidelines Section 15075(g)].
SECTION 2.0  PROJECT INFORMATION

2.1  PROJECT TITLE

Roseland Creek Community Park Master Plan

2.2  LEAD AGENCY CONTACT

Jen Santos
Deputy Director
City of Santa Rosa Recreation and Parks Department
55 Stony Point Road
Santa Rosa, CA 94501

2.3  PROJECT APPLICANT

City of Santa Rosa Recreation and Parks Department
55 Stony Point Road
Santa Rosa, CA 94501

2.4  PROJECT LOCATION

The approximately 19.49-acre project site consists of four City-owned parcels located at 1027 McMinn Avenue, and 1360, 1370 and 1400 Burbank Avenue in the Roseland area of Southwest Santa Rosa, Sonoma County.

Regional and vicinity maps of the site are shown on Figures 2.4-1 and 2.4-2, and an aerial photograph of the project site and surrounding area is shown on Figure 2.4-3.

2.5  ASSESSOR’S PARCEL NUMBERS

APN 125-331-001, 125-252-002, 125-252-003, 125-252-004

2.6  GENERAL PLAN DESIGNATION AND ZONING DISTRICT

General Plan: The General Plan designates the property as Medium-Density Residential. The project site is also identified as Parks/Recreation and a Proposed Community Park.

Zoning: The City of Santa Rosa Zoning Ordinance designates the project site as Open Space – Recreation (OSR-SR) and Multi Family Residential (R-3-18-SR) in a Scenic Road combining district (-SR).

2.7  SANTA ROSA PLAIN CONSERVATION STRATEGY

The project site is located within the boundaries of the Santa Rosa Plain Conservation Strategy area. In 2005, the Santa Rosa Plain Conservation Strategy Team, consisting of representatives of state and federal agencies including U.S. Fish & Wildlife Service (USFWS), California Department of Fish & Game, now California Department of Fish and Wildlife (CDFW), U.S. Environmental Protection
Agency, and U.S. Army Corps of Engineers, along with other interested agricultural, environmental and private landowner stakeholders, developed a Conservation Strategy. The Conservation Strategy establishes a long-term program to offset adverse environmental effects of future development on the Santa Rosa Plain and surrounding areas, with the objective of conserving protected species and contributing to their recovery. In doing so, the Conservation Strategy seeks to mitigate harm to protected species in a manner that minimizes interference with the rights of public and private property owners.

2.8 PROJECT-RELATED APPROVALS, AGREEMENTS, AND PERMITS

Approvals and/or permits required for the project may include, but are not limited to, the following:

- General Plan Amendment
- Specific Plan Amendment
- Tree Removal Permit
- Grading Permit
- Building Permit
- USFWS Consultation
- Lake and Streambed Alteration Agreement (CDFW)
- Sonoma County Agricultural Preservation and Open Space District (SCAPSO) Conservation Easement
- SCAPSO Master Plan Approval
AERIAL PHOTOGRAPH AND SURROUNDING LAND USES

FIGURE 2.4-3
SECTION 3.0  PROJECT DESCRIPTION

3.1  EXISTING SETTING

The approximately 19.49-acre project site consists of four contiguous parcels located between Burbank Avenue and McMinn Avenue in the Roseland neighborhood in southwest Santa Rosa. Roseland Creek flows from northeast to southwest through the lower portion of the site. The site is surrounded by single- and multi-family residential land uses on the north and east, by rural residential uses to the south, and by an elementary school to the west.

The site is mostly undeveloped and contains grassland, oak woodland and riparian habitat zones. There is one existing unoccupied house located at the northeast corner of the site (1027 McMinn Avenue). The middle section of the site contains two single-family dwellings and several associated outbuildings located at 1370 Burbank Avenue. There is a house and barn located in the southwestern portion of the site located at 1400 Burbank Avenue. All of the existing structures are proposed to be removed with the project.

3.2  PROPOSED DEVELOPMENT

3.2.1  Access, Circulation, Parking

The project proposes to construct a new community park to serve the Roseland neighborhood. The proposed Master Plan for the park shows two paved vehicle entrances to the park, both from Burbank Avenue. Each of the two entrances leads to a small parking lot, the more northerly lot containing 19 parking spaces and the southerly lot containing 17 parking spaces. A multi-use trail runs from the southwest corner of the site to the northeast corner, following the south side of the Roseland Creek riparian corridor across the southern portion of the site and crossing the creek near the eastern park boundary. The multi-use trail meanders through the oak woodland habitat area in the center of the site and connects to McMinn Avenue. The trail would be a paved 10-foot wide path with two-foot-wide gravel shoulders on either side, providing ADA access. A network of smaller trails and walkways would provide pedestrian circulation throughout the park, providing interconnectivity to the other features of the park as well as a pedestrian connection between the Burbank Avenue and McMinn Avenue neighborhoods on the west and east sides of the park.

3.2.2  Park Amenities and Natural Features

The park is designed to preserve and enhance the habitat values of the existing grassland, oak woodland, riparian and purple needlegrass habitat areas on the site. Trails and interpretive signs are proposed for the northern section of the park, with existing grassland to remain. The central portion of the site contains the oak woodland habitat, which would be left intact and would also contain trails and interpretive signs. A nature center and restroom building would be constructed near the parking lot on the west side of the park, north of the creek. A picnic area and outdoor classroom or community garden are proposed to be located along the northern side of the riparian corridor at the edge of the oak woodland. On the south side of the riparian corridor, there would be a restroom near the parking lot, picnic areas (including a group BBQ area with a shade structure and sink), a nature-
themed play area, a multi-use turf area, and sports court. A trail surrounding the multi-use turf and play areas would include fitness stations. The existing purple needlegrass grassland area near the southeast corner of the site would be preserved, with trails encircling it. A potential future off-site trail connection to the multi-use trail is proposed near the eastern park boundary along the south side of Roseland Creek.

The Proposed Master Plan is shown on Figure 3.2-1.

### 3.2.3 Hours of Operation

The proposed park would operate from sunrise (6:00 a.m.) to sunset (6:00 p.m. PST or 9:00 p.m. PDT), seven days per week consistent with City policies.

### 3.2.4 Conservation Easement

Development of the proposed park on the project site would adhere to existing conservation easements on 1027 McMinn Avenue, and 1360 and 1400 Burbank Avenue that are held by the Sonoma County Agricultural Preservation and Open Space District (SCAPOSDD). A conservation easement would also likely be granted for 1370 Burbank Avenue. The conservation easement restricts development on the northerly two parcels to the development of minor structures and improvements in connection with low-intensity and educational uses. Impervious surfaces on the northerly parcels are also restricted to five percent of the total easement area. The conservation easement for 1400 Burbank Avenue limits structures and improvements within the “Natural Area” along Roseland Creek to trails and associated bridges which may provide emergency vehicle access. The easement also designates an “Oak Preservation Area” that allows for improvements in connection with low-intensity recreational and educational uses. Park improvements shall not result in impervious surfaces of more than 20 percent on this property. A conservation easement is anticipated to be granted for 1370 Burbank Avenue with similar provisions to the existing conservation easements on the project site and consistent with the proposed Master Plan.
EXISTING OAK WOODLAND TO REMAIN

EXISTING GRASSLAND TO REMAIN

EXISTING PURPLE NEEDLE GRASSLAND TO REMAIN

NOTES:
1. HYDRATION STATIONS AND SITE FURNISHINGS WILL BE LOCATED ON-SITE AS APPROPRIATE
2. PICNIC AREA, CLUSTERS OF PICNIC TABLES, SOME ON WOOD CHIPS, OTHERS ON CONCRETE

PROPOSED MASTER PLAN

FIGURE 3.2-1
SECTION 4.0 ENVIRONMENTAL CHECKLIST AND IMPACT DISCUSSION

This section presents the discussion of impacts related to the following environmental subjects in their respective subsections:

4.1 Aesthetics  
4.2 Agricultural and Forestry Resources  
4.3 Air Quality  
4.4 Biological Resources  
4.5 Cultural Resources  
4.6 Geology and Soils  
4.7 Greenhouse Gas Emissions  
4.8 Hazards and Hazardous Materials  
4.9 Hydrology and Water Quality  
4.10 Land Use and Planning  
4.11 Mineral Resources  
4.12 Noise and Vibration  
4.13 Population and Housing  
4.14 Public Services  
4.15 Recreation  
4.16 Transportation/Traffic  
4.17 Utilities and Service Systems  
4.18 Mandatory Findings of Significance

The discussion for each environmental subject includes the following subsections:

- **Environmental Checklist** – The environmental checklist, as recommended by CEQA, identifies environmental impacts that could occur if the proposed project is implemented. The right-hand column of the checklist lists the source(s) for the answer to each question. The sources are identified at the end of this section. The CEQA Guidelines Appendix G checklist was used to assess impacts in the Initial Study. The CEQA Guidelines Appendix G Checklist was updated in 2019 to include revised questions and incorporation of several new sections including Energy and Wildfire. The City has reviewed the revised CEQA Checklist and has determined that the revisions do not affect the conclusions in the Roseland Creek Community Park Master Plan Initial Study. The memorandum attached as Appendix D supports this determination.

- **Impact Discussion** – This subsection discusses the project’s impact as it relates to the environmental checklist questions. For significant impacts, feasible mitigation measures are identified. “Mitigation measures” are measures that will minimize, avoid, or eliminate a significant impact (CEQA Guidelines Section 15370). Each impact is numbered using an alphanumeric system that identifies the environmental issue. For example, **Impact HAZ-1** denotes the first potentially significant impact discussed in the Hazards and Hazardous Materials section. Mitigation measures are also numbered to correspond to the impact they address. For example, **MM BIO-2.1** refers to the first mitigation measure for the second impact in the Biological Resources section.

**Important Note to the Reader**

The California Supreme Court in a December 2015 opinion [*California Building Industry Association v. Bay Area Air Quality Management District*, 62 Cal. 4th 369 (No. S 213478)] confirmed that CEQA, with several specific exceptions, is concerned with the impacts of a project on the environment, not the effects the existing environment may have on a project. Therefore, the
evaluation of the significance of project impacts under CEQA in the following sections focuses on impacts of the project on the environment, including whether a project may exacerbate existing environmental hazards.

The City of Santa Rosa currently has policies that address existing conditions (e.g., air quality, noise, and hazards) affecting a proposed project, which are also addressed in this section. This is consistent with one of the primary objectives of CEQA and this document, which is to provide objective information to decision-makers and the public regarding a project as a whole. The CEQA Guidelines and the courts are clear that a CEQA document (e.g., EIR or Initial Study) can include information of interest even if such information is not an “environmental impact” as defined by CEQA.

Therefore, where applicable, in addition to describing the impacts of the project on the environment, this chapter will discuss Planning Considerations that relate to policies pertaining to existing conditions. Such examples include, but are not limited to, locating a project near sources of air emissions that can pose a health risk, in a floodplain, in a geologic hazard zone, in a high noise environment, or on/adjacent to sites involving hazardous substances.
4.1 AESTHETICS

4.1.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Have a substantial adverse effect on a scenic vista?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,3,4</td>
</tr>
<tr>
<td>b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,3,4</td>
</tr>
<tr>
<td>c) Substantially degrade the existing visual character or quality of the site and its surroundings?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,3,4</td>
</tr>
<tr>
<td>d) Create a new source of substantial light or glare which will adversely affect day or nighttime views in the area?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

4.1.2 Existing Setting

The project site is located in the Roseland neighborhood, which was incorporated into the City of Santa Rosa in November 2017. Roseland is a predominantly single-family residential neighborhood, with some larger undeveloped properties included. Roseland Creek runs in a southwesterly direction through the neighborhood. The 19.49-acre project site consists four parcels of land, three of which are developed. It is bounded by McMinn Avenue on the east, and by Burbank Avenue, a designated Scenic Roadway, on the west. The Roseland Creek riparian corridor runs through the lower portion of the site. The site also includes an oak woodland habitat area, open space areas containing native grasses, and remnant orchard walnut trees. Photos of the site are shown on the following pages.

4.1.2.1 Surrounding Visual Character

The area surrounding the project site contains mostly residential uses, with single-family residences to the north, east and west, and multiple family buildings also on the east. There is an elementary school located across Burbank Avenue from the site on the west, and a single-family residence and storage buildings adjacent to the south side of the site.

4.1.2.2 Scenic Views and State Scenic Highways

The current view of the site from the surrounding neighborhood is of open space, oak woodland, densely wooded riparian corridor, and rural residential development. Views of these open and undeveloped spaces are framed by the suburban residential development surrounding the site. Views of the site are limited to the adjacent roadways and urban development. There are no State Scenic Highways in the vicinity of the site that would be impacted by the project. Burbank Avenue, however, which forms the western boundary of the project site, is a designated Scenic Road in the
Santa Rosa General Plan 2035. The General Plan contains goals and policies intended to preserve and enhance the scenic quality of designated roads in both the rural and developed areas of the City. The following General Plan policies are applicable to Burbank Avenue:

Policy T-G-4 Respect natural topography and landscaping during alignment of scenic roads. Protect land through careful grading.

Policy T-G-5 Retain existing trees and vegetation along scenic roads, as possible. Enhance roadway appearance through landscaping, using native plant material.

Policy T-G-6 Provide large setbacks from scenic roads, as possible, to avoid encroachment of buildings on the view of the roadway.

Policy T-G-15 Require that scenic road rights-of-way are wide enough to preserve natural vegetation. Provide appropriate construction setbacks to retain views along the corridor.

In addition to the General Plan, the following site planning and development standards contained in the Santa Rosa City Code (Title 20 – Zoning) apply to Burbank Avenue as a Scenic Road:

Burbank Avenue (from the northerly boundary of Roseland Creek Community Park to Hearn Avenue). Scenic characteristics consist of larger front setbacks than typically found in low density, single-family residential areas, and a narrow roadway width that provides a “country road” feel, as well as roadside trees that create an occasional wooded “tunnel” effect. The area has a semi-rural residential character, with more urbanized subdivisions to the north and south.

a. Minimum setback from Burbank Avenue:

   (1) 20 feet measured from edge of pavement to one-story structure or element with a maximum height not exceeding 25 feet;

   (2) 25 feet measured from edge of pavement to a two-story or greater structure or element, or one-story structure or element with height over 25 feet;

   (3) Fences and walls, hedges, swimming pools, uncovered parking, uncovered decks, gazebos, and other decorative type accessory structures need only comply with the setbacks and other standards of the primary zoning district.

b. Roadway improvements. Roadway improvements along Burbank Avenue shall be designed consistent with the street sections included in the Roseland Area/Sebastopol Road Specific Plan.
**Photo 1:** Existing house at the northeast corner of the site (1027 McMinn Avenue).

**Photo 2:** Existing houses at the west side of the site (1370 Burbank Avenue).
**Photo 3:** View west across the northern portion of the site from McMinn Avenue.

**Photo 4:** View south toward the oak woodland habitat area from the northern portion of the site.
Photo 5: View south along the project site frontage on Burbank Avenue.

Photo 6: View north along the project site frontage on Burbank Avenue from the Roseland Creek bridge.
**Photo 7:** View east across the open grassland area in the southern portion of the site.

**Photo 8:** View east along the Roseland Creek riparian habitat area in the western portion of the site.
4.1.3 Impact Discussion

a) Have a substantial adverse effect on a scenic vista?

Development of the proposed community park would have a minimal impact on any scenic vistas. As discussed previously, views across the site as it currently exists are limited to the boundaries of the site itself, and do not extend to any adjacent scenic lands beyond the site. Thus, there is no scenic vista that would be adversely affected. The proposed park improvements include the construction of several small structures, parking areas, walking trails and open space use areas such as picnic areas, a community garden or outdoor classroom, and multi-use turf play fields. The majority of the site, including the riparian corridor and oak woodland areas would remain undeveloped or be minimally developed with trails and open space uses that would not affect scenic vistas. (Less Than Significant Impact)

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

Implementation of the proposed community park project would require the removal of four heritage trees for the construction of parking areas and the proposed trail (refer to Section 4.4 Biological Resources). The tree removals would be subject to the provisions of the City’s Tree Ordinance, which would require obtaining a permit and providing replacement trees as mitigation for trees removed. This would result in a less than significant impact. There are no rock outcroppings, historic buildings or State Scenic Highways on or adjacent to the site. The proposed improvements on the site would conform to the General Plan policies and Zoning development standards for properties fronting Burbank Avenue. (Less Than Significant Impact)

c) Substantially degrade the existing visual character or quality of the site and its surroundings?

As discussed previously, implementation of the proposed community park project would have a minimal impact upon the visual character or quality of the site because the number and size of the proposed structures would be small, and the proposed uses would be primarily of a passive open space nature – walking trails, interpretive signs, picnic areas, a community garden or outdoor classroom, and play fields. There would be minimal visual impacts to the existing oak woodland, riparian corridor and native grassland resource areas on the site. (Less Than Significant Impact)

d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?

The proposed park project would only include lighting for the parking areas and within the nature center and restroom structures. The amount of glare produced by the proposed structures would be minimal. The proposed sports court and multi-use turf play areas would not include lighting for evening use. The proposed park uses would not be considered substantial sources of light and glare, and would not result in significant impacts. (Less Than Significant Impact)
4.1.4  **Conclusion**

The proposed community park project is designed to allow park visitors to experience the natural features of the park, including the oak woodlands, riparian corridor and native grassland communities. The passive open space and recreational use areas are located in areas of the park that have the least physical impact on these features, and consequently have the least impacts to their visual quality as well. The resulting aesthetic impacts of the project would be less than significant.  
*(Less Than Significant Impact)*
4.2 AGRICULTURAL AND FORESTRY RESOURCES

4.2.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>5</td>
</tr>
<tr>
<td>b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>3,5</td>
</tr>
<tr>
<td>c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>3</td>
</tr>
<tr>
<td>d) Result in a loss of forest land or conversion of forest land to non-forest use?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>4</td>
</tr>
<tr>
<td>e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>4</td>
</tr>
</tbody>
</table>

4.2.2 Existing Setting

The project site consists of four parcels, one of which is currently developed with two residential structures and several accessory structures. The other three parcels are essentially undeveloped, containing native and non-native grasslands, remnant orchard trees, a riparian corridor, and an oak woodland area. Two of the parcels contain vacant residences (1027 McMinn Avenue and 1400 Burbank Avenue) and are mostly undeveloped. The site is located in a developed suburban area, and is surrounded by residential development on three sides. Portions of the site were formerly used as orchards, but the site is not designated as farmland or forest land. According to the Sonoma County Important Farmland 2016 map, the site is designated as Urban and Built-Up Land, defined as land that is “…occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. Common examples include residential, industrial, commercial, institutional facilities, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, and water control structures.”
4.2.3 Impact Discussion

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) to non-agricultural use?

The site does not currently contain any agricultural or farm uses, and is designated on the Sonoma County Important Farmland 2016 map as Urban and Built-Up Land. The proposed community park project would not therefore convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) to non-agricultural use. (No Impact)

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

The City of Santa Rosa Zoning Ordinance designates the project site as Open Space – Recreation (OSR-SR) and Multi Family Residential (R-3-18-SR) in a Scenic Road combining district (-SR). These zoning districts allow for open space, recreation, and multi-family residential development. No agricultural uses are allowed within these districts. There are no Williamson Act contracts recorded on the site. (No Impact)

c) Conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production?

The existing zoning on the project site, identified above, allows for open space, recreation, and residential use of the project site. There is no forest land or timberland in the vicinity of the project site. (No Impact)

d) Result in a loss of forest land or conversion of forest land to non-forest use?

The project site is not currently designated or zoned as forest land. Development of the proposed community park would result in the removal of four heritage trees and non-native vegetation (refer to Section 4.4 Biological Resources). Development of active park uses on the site would occur in existing developed areas of the site and non-native grasslands. The proposed project would not be considered a conversion of forest land to non-forest use. (No Impact)

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

According to the Sonoma County Important Farmland 2016 map, the project site and surrounding area is designated as Urban and Built-Up Land. The development of the project site would not result in conversion of any forest or farmlands. (No Impact)

4.2.4 Conclusion

The project would have no impact on agricultural and forestry resources. (No Impact)
4.3 AIR QUALITY

4.3.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Conflict with or obstruct implementation of the applicable air quality plan?</td>
<td>□</td>
<td>□</td>
<td>☒</td>
<td>□</td>
<td>1,6</td>
</tr>
<tr>
<td>b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?</td>
<td>□</td>
<td>□</td>
<td>☒</td>
<td>□</td>
<td>1,6</td>
</tr>
<tr>
<td>c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is classified as non-attainment under an applicable federal or state ambient air quality standard including releasing emissions which exceed quantitative thresholds for ozone precursors?</td>
<td>□</td>
<td>□</td>
<td>☒</td>
<td>□</td>
<td>1,6</td>
</tr>
<tr>
<td>d) Expose sensitive receptors to substantial pollutant concentrations?</td>
<td>□</td>
<td>□</td>
<td>☒</td>
<td>□</td>
<td>1,6</td>
</tr>
<tr>
<td>e) Create objectionable odors affecting a substantial number of people?</td>
<td>□</td>
<td>□</td>
<td>☒</td>
<td>□</td>
<td>1,6</td>
</tr>
</tbody>
</table>

4.3.2 Existing Setting

4.3.2.1 Background Information

Air quality and the amount of a given pollutant in the atmosphere are determined by the amount of a pollutant released and the atmosphere’s ability to transport and dilute the pollutant. The major determinants of transport and dilution are wind, atmospheric stability, terrain, and for photochemical pollutants, sunshine.

The San Francisco Bay Area typically has moderate ventilation, frequent inversions that restrict vertical dilution, and terrain that restricts horizontal dilution. These factors give the Bay Area a relatively high atmospheric potential for pollution. Sonoma County’s climate is largely affected by the topography of the Petaluma, Cotati, and Sonoma valleys. Average daily temperatures range from moderate overnight to hot during the day in the summer, and cool overnight to moderate during the day in the winter. Wind patterns in the Petaluma and Cotati valleys are strongly influenced by the Petaluma Gap, with calm to mild winds typical in Santa Rosa. During late afternoons in summer, fog is common in the Petaluma and Cotati valleys, and can persist until late morning the following day. Annual rainfall averages 30 inches in Santa Rosa.¹

¹ Santa Rosa General Plan 2035 Draft EIR. March 2009.
Criteria Pollutants

The Clean Air Act requires the U.S. Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards for six common air pollutants, referred to as “criteria pollutants”: particulate matter (PM), ground-level ozone, carbon monoxide, sulfur oxides, nitrogen oxides, and lead. The California Air Resources Board (CARB) and the EPA have adopted ambient air quality standards establishing permissible levels of these pollutants.

Local Community Risks/Toxic Air Contaminants and Fine Particulate Matter

The Federal Clean Air Act defines Hazardous Air Pollutants (HAPs) as air contaminants identified by U.S. EPA as known or suspected to cause cancer, serious illness, birth defects, or death. In California, Toxic Air Contaminants (TACs) include all HAPs, plus other contaminants identified by CARB as known to cause morbidity or mortality (cancer risk). TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, fuel combustion, and commercial operations (e.g., dry cleaners). TACs are typically found in low concentrations, even near their source (e.g., benzene near a freeway). Because chronic exposure can result in adverse health effects, TACs are regulated at the regional, State, and Federal level. Unlike other emissions, TACs are measured based on the risk of human health rather than a set emission standard.

Diesel exhaust, a mixture of gases, vapors, and fine particles, is the predominant TAC in urban air and is estimated to represent about two-thirds of the cancer risk from TACs (based on the statewide average). Diesel particulate matter (DPM) is of particular concern since it can be distributed over large regions, thus leading to widespread public exposure. CARB has adopted and implemented a number of regulations for stationary and mobile sources to reduce emissions of DPM. Several of these regulatory programs affect medium and heavy duty diesel trucks. These trucks represent the bulk of DPM emissions from California highways and include the solid waste collection vehicles, public and utility fleets, and the heavy-duty diesel trucks and buses.

4.3.2.2 Existing Conditions

Sensitive Receptors

The Bay Area Air Quality Management District (BAAQMD) defines sensitive receptors as facilities where population groups that are particularly sensitive to the effects of air pollutants (i.e., children, the elderly, and people with illnesses) are likely to be located. Examples include schools, hospitals, and residential areas. The nearest sensitive receptors are the Roseland Creek Elementary School, located directly west of the site across Burbank Avenue, and the single-family residences located adjacent to the site boundaries on the north, east and south sides. Additionally, there are single-family residences northwest of the site, located diagonally across Burbank Avenue from the site, and single-family and multiple-family residences located to the east of the site across McMinn Avenue.
4.3.2.3 **Applicable Plans, Policies, and Regulations**

**Relevant City of Santa Rosa General Plan 2035 Air Quality Goals and Policies**

*Goal OSC-J*  
Take appropriate actions to help Santa Rosa and the larger Bay Area region achieve and maintain all ambient air quality standards.

*Policy OSC-J-1*  
Review all new construction projects and require dust abatement actions as contained in the CEQA Handbook of the Bay Area Air Quality Management District.

As previously discussed in Section 4.0 of this Initial Study, on December 17, 2015, the California Supreme Court issued an opinion in “CBIA vs. BAAQMD” holding that CEQA is primarily concerned with the impacts of a project on the environment and generally does not require agencies to analyze the impact of existing conditions on a project’s future users or residents unless the project risks exacerbating those environmental hazards or risks that already exist. In light of this ruling, the effect of existing air pollutants from off-site sources on new sensitive receptors introduced by the project would not be considered an impact under CEQA. Nevertheless, the City has policies and regulations that address existing conditions affecting a proposed project, which are also discussed below.

4.3.3 **Impact Discussion**

a) *Conflict with or obstruct implementation of the applicable air quality plan?*

BAAQMD’s most recently adopted plan is the Bay Area 2017 Clean Air Plan (2017 CAP). The 2017 CAP focuses on two closely-related BAAQMD goals: protecting public health and protecting the climate.

The 2017 CAP includes 85 control measures that are intended reduce air pollutant emissions in the Bay Area either directly or indirectly. These control measures are divided into nine categories that include:

- Stationary Sources;
- Transportation;
- Energy;
- Agriculture;
- Water;
- Waste;
- Buildings;
- Natural and Working Lands; and
- Super-GHG Pollutants
The consistency of the project is evaluated with respect to each set of applicable control measures in Table 4.3-1 below.

<table>
<thead>
<tr>
<th>Control Measures</th>
<th>Description</th>
<th>Project Consistency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Transportation Measures</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bicycle and Pedestrian Access and Facilities</td>
<td>Encourage planning for bicycle and pedestrian facilities in local plans, e.g., general and specific plans, fund bike lanes, routes, paths and bicycle parking facilities.</td>
<td>The project would include the provision of trails that would facilitate bicycle and pedestrian travel throughout the site, and provide connectivity to adjacent streets.</td>
</tr>
<tr>
<td><strong>Building Measures</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urban Heat Island Mitigation</td>
<td>Develop and urge adoption of a model ordinance for “cool parking” that promotes the use of cool surface treatments for new parking facilities, as well existing surface lots undergoing resurfacing. Develop and promote adoption of model building code requirements for new construction or reroofing/roofing upgrades for commercial and residential multifamily housing.</td>
<td>The project would be required to comply with the City’s Green Building Ordinance and the most recent California Building Code which would increase building efficiency over standard construction. Therefore, the project is consistent with this control measure.</td>
</tr>
<tr>
<td><strong>Natural and Working Lands Measures</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urban Tree Planting</td>
<td>Develop or identify an existing model municipal tree planting ordinance and encourage local governments to adopt such an ordinance. Include tree planting recommendations, the Air District’s technical guidance, best management practices for local plans, and CEQA review.</td>
<td>The project would be required to adhere to the City’s tree replacement policy. Therefore, the project is consistent with this control measure.</td>
</tr>
</tbody>
</table>

The project includes transportation, building, and natural and working lands measures consistent with the 2017 CAP. The project is also consistent with the City’s General Plan. The project, by itself would not result in a significant impact related to consistency with the Bay Area 2017 CAP. **(Less Than Significant Impact)**
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

As discussed in the following paragraphs, the project falls below the BAAQMD screening criteria for operational impacts from parks. The project would have emissions below the BAAQMD thresholds for ozone precursors and particulate matter. Therefore, the project would not contribute substantially to existing or projected violations of those standards. (Less Than Significant Impact)

c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is classified as non-attainment under an applicable federal or state ambient air quality standard including releasing emissions which exceed quantitative thresholds for ozone precursors?

As discussed in CEQA Guidelines Section 15064(b), the determination of whether a project may have a significant effect on the environment calls for careful judgment on the part of the Lead Agency and must be based to the extent possible on scientific and factual data. The City of Santa Rosa has carefully considered the thresholds updated by BAAQMD in May 2017 and regards these thresholds to be based on the best information available for the San Francisco Bay Area Air Basin and conservative in terms of the assessment of health effects associated with TACs and PM$_{2.5}$. The BAAQMD CEQA Air Quality thresholds used in this analysis are identified in Table 4.3-2.

**Operational Criteria Pollutants**

According to the BAAQMD thresholds listed in Table 4.3-2, a project that generates more than 54 pounds per day of ROG (reactive organic gases), NO$_x$, or PM$_{2.5}$; or 82 pounds per day of PM$_{10}$ would be considered to have a significant impact on regional air quality. BAAQMD developed screening criteria that provide Lead Agencies with a conservative indication of whether a proposed project could result in a significant operational impact (e.g., daily or annual emissions above these thresholds). The proposed project would construct active park uses on approximately 4.59 acres of the site, which is well below the most stringent screening criteria of 2,613 acres of City park for operational impacts. Based on the BAAQMD screening tables, the project would not result in a significant impact to regional air quality in the San Francisco Bay Area Air Basin due to operational criteria pollutant emissions. (Less Than Significant Impact)

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2 Bay Area Air Quality Management District. CEQA Air Quality Guidelines. Table 3-1, Operational-Related Criteria Air Pollutant and Precursor Screening Level Sizes. Updated May 2017. p. 3-2.
Table 4.3-2: Thresholds of Significance Used in Air Quality Analyses

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Construction</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average Daily Emissions (pounds)</td>
<td>Average Daily Emissions (pounds)</td>
</tr>
<tr>
<td>ROG, NOx</td>
<td>54</td>
<td>54</td>
</tr>
<tr>
<td>PM$_{10}$</td>
<td>82 (exhaust)</td>
<td>82</td>
</tr>
<tr>
<td>PM$_{2.5}$</td>
<td>54 (exhaust)</td>
<td>54</td>
</tr>
<tr>
<td>Fugitive Dust (PM$<em>{10}$/PM$</em>{2.5}$)</td>
<td>Implement Best Management Practices</td>
<td>None</td>
</tr>
</tbody>
</table>
| Risk and Hazards for New Sources and Receptors (Project) | Same as operational threshold | • Increased cancer risk of >10.0 in one million
• Increased non-cancer risk of > 1.0 Hazard Index (chronic or acute)
• Ambient PM$_{2.5}$ increase: > 0.3 µ/m$^3$
(Zone of influence: 1,000-foot radius from property line of source or receptor) |
| Risk and Hazards for New Sources and Receptors (Cumulative) | Same as operational threshold | • Increased cancer risk of >100 in one million
• Increased non-cancer risk of > 10.0 Hazard Index (chronic or acute)
• Ambient PM$_{2.5}$ increase: > 0.8 µ/m$^3$
(Zone of influence: 1,000-foot radius from property line of source or receptor) |

Sources: BAAQMD CEQA Thresholds Options and Justification Report (2009) and BAAQMD CEQA Air Quality Guidelines (dated May 2017).

1 For stationary source projects, modeling for CO concentrations is only required for projects emitting 100 tons per year or more of CO. Projects emitting less are assumed to not exceed the CO concentration threshold.

d) Expose sensitive receptors to substantial pollutant concentrations?

Construction Emissions

Criteria Pollutants

The BAAQMD screening criteria size for construction impacts from criteria pollutants is 67 acres for a city park. Projects that are smaller than the screening size are considered to have a less than significant operational air quality impact. The proposed 19.49-acre project site is well below the screening size for the proposed land use. Therefore, the project would have a less than significant construction air quality impact from criteria pollutant emissions.

Dust Emissions

Construction activities on the site includes minimal grading, which would generate dust and other particulate matter. The generation of dust and other particulate matter could temporarily impact...
children at the nearby Roseland Creek Elementary School, as well as residents of the adjacent residential properties.

**Standard Measures:** The following standard measures would be implemented during construction to reduce dust impacts:

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.

- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.

- All vehicle speeds on unpaved roads shall be limited to 15 mph.

- All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.

- Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.

- All construction equipment shall be maintained and properly tuned in accordance with manufacturer’s specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.

- Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District’s phone number shall also be visible to ensure compliance with applicable regulations.

The dust control/exhaust measures listed for construction impacts would ensure that the construction of the proposed park would emit less exhaust emissions (including diesel) and fugitive dust emissions and would result in a less than significant construction-related air quality impact on nearby residents. (Less than Significant Impact)

e) **Create objectionable odors affecting a substantial number of people?**

The proposed development is a community park consisting of open space and passive recreational uses and would not result in incompatible odors. While construction of the development would result
in temporary exhaust emissions, it would not result in a significant odor impact. **(Less than Significant Impact)**

### 4.3.4 Conclusion

With the implementation of the identified construction-related Standard Measures, the project would not result in significant long-term or construction-related air quality impacts. **(Less Than Significant Impact)**
4.4 BIOLOGICAL RESOURCES

The following discussion is based, in part, on reports prepared by *WRA Environmental Consultants* (*WRA*) including a plant survey (July 2017), biological resources assessment (September 2019), and a tree survey report (March 2019). Copies of these reports are included in Appendix A of this Initial Study.

4.4.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife (CDFW) or United States Fish and Wildlife Service (USFWS)?</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>☐</td>
<td>7, 8</td>
</tr>
<tr>
<td>b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFW or USFWS?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>7, 8</td>
</tr>
<tr>
<td>c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>7, 8</td>
</tr>
<tr>
<td>d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, impede the use of native wildlife nursery sites?</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>☐</td>
<td>7, 8</td>
</tr>
<tr>
<td>e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>3, 9</td>
</tr>
<tr>
<td>f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>7, 8</td>
</tr>
</tbody>
</table>
4.4.2 Existing Setting

The majority of the project site remains undeveloped and comprised of open non-native annual grassland, and valley oak (Quercus lobata) woodland. During the time of the site visit in May 2017, one of the parcels, 1370 Burbank Avenue (APN #125-252-003), had an occupied residence, while the rest of the parcels were vacant.

The project site is bisected by Roseland Creek, an intermittent United States Geological Survey (USGS) “blue-line” stream, which flows through the project site in a westerly direction. Historic aerial imagery indicates that nearly the entire project site, with the exception of the creek corridor, supported high density, intensive agricultural (orchard) production from at least 1942 to as recently as 1971. The existing conditions of the site generally reflect the previous disturbance regime, and existing oak woodlands on site, outside of the riparian corridor, consist of a naturalized even-aged stand of relatively young trees. Other old, dead and/or decadent Northern California black walnut (Juglans hindsii) trees on the northernmost parcel are further indicative of the site’s agricultural past, as this species was typically used as rootstock for English walnut (J. regia) orchards. The two northernmost parcels are currently accessible and in use by the public, as evidenced by numerous social trails crossing the site, and numerous tire tracks and ruts observed during the site visit. Recent aerial imagery (Google Earth 2017) also indicate that the open grassland portions of the project site are likely mowed annually for fire suppression.

Seven biological communities were identified on the project site (refer to Figure 4.4-1). Non-sensitive biological communities include: non-native grassland, developed/landscaped areas, and disturbed valley oak woodland. Potentially sensitive biological communities observed on the project site include intermittent stream (Roseland Creek), valley oak riparian woodland, riparian wetland, and purple needlegrass grassland, all of which are detailed below.

Wetlands and Waters of the U.S.

Intermittent Stream

The project site contains approximately 0.35-acre of the intermittent stream which bisects the site flowing in a southwesterly direction. Roseland Creek is an intermittent USGS blue-line stream. The upper reach of the creek within the project site, where the creek enters the site, is approximately eight feet wide and has a concrete slab bed for approximately 400 linear feet, with water undermining and flowing underneath the concrete at the time of the site visit. The lower reach (western portion) of the stream has a more natural channel composed of rock and cobble mixed with sands and silts. Roseland Creek was delineated within the project site based on observable Ordinary High Water Mark (OHWM) indicators including: presence of a bed and bank, scouring, wrack, sediment deposition, and water stains on the banks. The lower reach of the creek contains a backflow channel which supports a riparian wetland, described in detail below. Dominant vegetation along the banks of the intermittent stream is composed of valley oak riparian woodland (described below). The channel had flowing water in it during the May 2017 site visit. Areas mapped as intermittent creek are considered jurisdictional under Section 404 of the CWA and Section 1602 of the CFGC. Roseland Creek is also generally subject to development setbacks for structures (including buildings...
of any type, driveways, streets, parking areas, patios, platforms, decks, fences, earth fill or other structural debris fill, or retaining walls) of 50 feet from the top of bank, as per Section 20-30.040 “Creekside Development”, of the Santa Rosa City Code. Bridges for motor vehicles, pedestrians, and/or bicycles, and/or public utility infrastructure may cross through a waterway setback area and over or under its channel, provided that the installation has received all required approvals from the City. In accordance with Zoning Code Section 20-10.050(G), the Zoning Code shall not apply to any public project of the City except to the minimum extent required by law.

Riparian Wetland

The project site contains approximately 0.09 acre of riparian wetland directly adjacent to Roseland Creek. The riparian wetland is located in the downstream portion of Roseland Creek, adjacent to Burbank Avenue where the stream flows off of the site through a box culvert underneath Burbank Avenue. The culvert appears to be functioning as a sediment trap which backs up stream flows enough to cause wetland conditions below the OHWM, in-line with the stream. Standing water and wetland vegetation were also observed in an approximately nine-foot wide backflow scour channel on the north side of the main creek channel. The riparian wetland within the project site contained standing water to a depth of two inches or greater during the time of the site visit, and was dominated by wetland vegetation including northern water plantain (*Alisma triviale*), Santa Barbara sedge (*Carex barbara*), curly dock (*Rumex crispus*), California blackberry (*Rubus ursinus*), and Oregon ash (*Fraxinus latifolia*). Areas mapped as riparian wetland are considered jurisdictional under Section 404 of the CWA. In addition, due to its position adjacent to or in-line with the intermittent stream, the riparian wetland is likely to be considered jurisdictional under Section 1602 of the CFGC, as riparian habitat.

Other Sensitive Biological Communities

Valley Oak Riparian Woodland

Valley oak riparian woodland occupies approximately 1.94 acres of the project site. Valley oak riparian woodland forms a contiguous canopy along the banks of Roseland Creek. This community was mapped as having valley oak greater than 30 percent relative cover in the tree canopy with other tree species present. The overstory is dominated by large, mature valley oak trees, with a middlestory composed of various native trees tolerant of winter flooding and/or a high water table, including valley oak, arroyo willow (*Salix lasiolepis*), and Oregon ash. The understory is dominated by woody vine/shrub species including non-native invasive Himalayan blackberry (*Rubus armeniacus*), with other native species present including poison oak (*Toxicodendron diversilobum*), and snowberry (*Symphoricarpos albus*). Understory herbs are scarce, and mostly restricted to steep banks, and the stream edge. Valley oak woodland is reported by the CDFW with a rarity ranking of G3, S3 (CNPS 2017), indicating that it is considered vulnerable globally and in California. This community would therefore be considered sensitive and must be evaluated under CEQA (CCR Title 14, Div. 6, Chap. 3). Valley oak riparian woodland is also considered a sensitive community under Section 1602 of the CFGC, and this community also contains many individual trees protected per the City of Santa Rosa Tree Ordinance. Any tree removal deemed necessary for construction will require a tree removal permit from the City of Santa Rosa. Any development within this community, including but not limited to trail construction will require a CDFW permit.
EXISTING BIOLOGICAL COMMUNITIES

Study Area (19.49 ac.)
Culvert
Contour (1ft.)
Top of Bank (1.09 ac.)
Creekside Development Buffer

Biological Communities
Non-sensitive
- Developed, landscaped (3.09 ac.)
- Non-Native Grassland (6.47 ac.)
- Disturbed Valley Oak Woodland (7.07 ac.)

Sensitive
- Intermittent Stream (0.35 ac.)
- Purple Needlegrass Grassland (0.45 ac.)
- Riparian Wetland (0.10 ac.)
- Valley Oak Riparian Woodland (1.96 ac.)

Source: WRA Environmental Consultants, 11/14/2018.
Purple Needlegrass Grassland

Purple needlegrass grassland occupies approximately 0.45 acre in the southeastern portion of the project site. This community was mapped within the project site as containing purple needle grass (Stipa [Nassella] pulchra) greater than ten percent relative cover of the herbaceous layer. Within the project site, this community is dominated by purple needlegrass at approximately 45 percent relative cover with other predominantly non-native grasses and forbs including slim oat (Avena barbata), spring vetch (Vicia sativa), hairy cat’s ear (Hypochaeris radicata), rose clover (Trifolium hirtum), and Spanish lotus (Acmispon americanus var. americanus). Purple needlegrass grassland is reported by the CDFW with a rarity ranking of G4, S3? (CDFW 2017), indicating that it is apparently secure globally, but vulnerable in California. Although, the purple needlegrass community is relatively disturbed, likely mowed annually or semi-annually, and contains a low diversity of associated native forbs, this community could potentially be considered sensitive under CEQA, due to its sensitivity ranking.

Non-Sensitive Biological Communities

Developed/Landscaped

Developed/landscaped areas occupy approximately 2.84 acres within the project site. These areas have been previously developed and contained occupied or abandoned residences with associated hardscape, gravel driveways, and landscapes including ornamental trees and shrubs including Mexican fan palm (Washingtonia robusta), blue gum (Eucalyptus globulus), apple (Malus sp.), rose (Rosa sp.), and lilac (Syringa sp.). Developed/landscaped areas are not considered sensitive. However, they may contain protected trees per the City of Santa Rosa Tree Ordinance.

Non-Native Grassland

Non-native grassland occupies approximately 6.07 acres within the project site. Non-native grasslands within the project site are dominated by non-native annual grasses including slim oat, Italian ryegrass, and soft chess (Bromus hordeaceus), with associated grasses and forbs including Harding grass (Phalaris aquatica), bristly ox-tongue (Helminthotheca echioides), spring vetch, and carrot (Daucus carota). This community contains scattered trees including several over-mature, declining Northern California black walnut trees, which are likely remnant rootstock from the historic orchard which occupied the area. Non-native grasslands appear to be mowed annually or semi-annually, and other human-caused disturbance, including off-road vehicle use, and social trails were observed. This community is not considered sensitive. However, these areas may contain protected trees per the City of Santa Rosa Tree Ordinance.

Disturbed Valley Oak Woodland

Disturbed valley oak woodland occupies approximately 7.01 acres within the project site. This community was characterized as disturbed valley oak woodland, due to historic and contemporary disturbance within the community. Historic aerials indicate that all areas mapped as disturbed valley oak woodland were occupied by high-density orchards as recently as 1971. This historic disturbance is evident, in particular in the northern portion of the stand, north of Roseland Creek, where the
community is composed of an even-aged stand of young valley oak trees, which have the appearance of a planted or naturalized stand. Current disturbance observed within this community included numerous social trails, and off-road vehicle use, as evidenced by numerous tire tracks and ruts. Vegetation within this community is dominated by valley oak, with an understory dominated by non-native grasses including rattlesnake grass (*Briza maxima*), Italian ryegrass, and soft chess. Woody vines including poison oak and Himalayan blackberry are also abundant within the understory. This community is not considered sensitive due to the historic and contemporary disturbance levels. However, the majority of trees within this community are considered protected per the City of Santa Rosa Tree Ordinance.

**Special-Status Plant Species**

Eighty-nine special-status plant species have been documented within the vicinity of the project site. Of the 89 special-status species documented, two were determined to have a moderate potential to occur on the project site, and are described in Table 4.4-1, below. The remaining 87 special-status plant species are either unlikely or have no potential to occur within the project site for one or more of the following reasons:

- The project site has been repeatedly and intensively altered from a natural state, by development, agricultural conversion, discing, or mowing, thereby eliminating the seedbank or diminishing establishment of the special-status plant(s);
- The project site does not contain hydrologic conditions (e.g., perennial saline, freshwater marshes and swamps) necessary to support the special-status plant(s);
- The project site does not contain edaphic (soil) conditions (e.g., serpentine or volcanic substrate) necessary to support the special-status plant(s);
- The project site does not contain vegetation communities (e.g., chaparral, coastal scrub, vernal pools) associated with the special-status plant(s);
- Very unique pH characteristics, such as alkali wetlands are absent from the project site;
- Competition from vigorous non-native invasive species (e.g. non-native annual grasses), likely precludes the special-status species’ ability to persist on-site;
- This special-status species was not observed during the site visit which was conducted during the bloom period of the species.
Table 4.4-1: Special-Status Plant Species with the Potential to Occur on the Project Site

<table>
<thead>
<tr>
<th>Species</th>
<th>Habitat Requirements</th>
<th>Potential to Occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sonoma alopecurus (<em>Alopecurus aequalis</em> var. <em>sonomensis</em>)</td>
<td>Marshes and swamps (freshwater), riparian scrub. Elevation ranges from 20 to 1,200 feet. Blooms May-July</td>
<td>Moderate Potential. The project site contains potentially suitable riparian habitat which could support this species.</td>
</tr>
<tr>
<td>Congested-headed hayfield tarplant (<em>Hemizonia congesta</em> ssp. <em>Congesta</em>)</td>
<td>Chaparral, cismontane woodland/volcanic, rocky. Elevation ranges from 390 to 2,100 feet. Blooms Feb-June.</td>
<td>Moderate Potential. The Project site contains potentially suitable grassland habitat that may support this species. This species is relatively disturbance-tolerant and may not be precluded by historic and current disturbance regime in the Project site.</td>
</tr>
</tbody>
</table>

All listed plant species covered by the Santa Rosa Plain Programmatic Biological Opinion (PBO) Burke’s goldfields, Sonoma sunshine, and Sebastopol meadowfoam, are unlikely to occur within the project site due to a lack of vernal pool habitat, lack of suitable hydrology (i.e. extended ponding), and/or prior disturbance (i.e. agricultural conversion, annual mowing). Moreover, Burke’s goldfields, and Sebastopol meadowfoam were not observed during the 2017 site visits which were conducted during their documented bloom period. Both species were observed in bloom at a documented reference site just five days after the site visit, confirming their phenology would have been identifiable during the time of the site visit. However, as a conservative measure, due to the presence of semi-mesic grassland and valley oak woodland observed during the 2017 site visit, protocol-level surveys for these species were conducted in 2018. No special-status plant species were identified during the protocol-level surveys.

**Special-Status Wildlife Species**

A total of 30 special-status wildlife species are known in the vicinity based upon review of the resources and databases. Of these wildlife species, 14 have moderate or high potential to occur within the project site. Special-status wildlife species with potential to occur include seven species of bat, six species of birds, and western pond turtle (WPT). These species may be affected both directly and indirectly by project activities if present. There is no suitable habitat for the California Giant Salamander or California red-legged frog on-site.

While surrounded on three sides by “Heavily Urbanized Areas”, the project site and neighboring properties to the south are mapped within the “Core Area” for CTS by the USFWS (2016), albeit at the periphery of this area. However, several factors indicate that the species is unlikely overall to
occur there. At the time of the site visit, small mammal burrows, the typical subterranean refugia for CTS, were not observed. The nearest documented CTS occurrence in CNDDB is located approximately 0.6-mile to the south of the site, south of Hearn Avenue; this occurrence involved an adult CTS that was found along the road in 2003 (CDFW 2017). The nearest documented breeding occurrence/habitat is located approximately 0.7-mile to the southwest (CDFW 2017), though this site has become isolated by urban development. The next-nearest breeding occurrence is at Southwest Community Park approximately 0.75-mile to the south of the site, south of Hearn Avenue (CDFW 2017). As per Trenham and Cook (2008), Hearn Avenue and directly associated infrastructure (e.g., storm drains) provides a barrier to CTS movement. The project site does not provide any wetlands or seasonal aquatic features suitable for CTS breeding, and as such the persistence of a population there and on adjacent properties north of Hearn Avenue is highly unlikely. As such, CTS is considered unlikely to occur within the project site. The project site is, however, within designated critical habitat which applies regardless of habitat conditions and on-site presence/absence of the species unless USFWS removes the designation for this area.

The diversity of vegetation within the project site provides a variety of suitable conditions for nesting and foraging by both special-status and non-special-status birds. Vegetation communities including non-native grassland, purple needlegrass grassland, and valley oak woodland may provide suitable habitat to support nesting birds. Table 4.4-2 identifies special-status birds which have been documented in the area and have a moderate to high potential to nest within the project site.

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Protection Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selasphorus sasin</td>
<td>Allen’s hummingbird</td>
<td>USFWS Bird of Conservation Concern</td>
</tr>
<tr>
<td>Lanius ludovicianus</td>
<td>loggerhead shrike</td>
<td>CDFW Species of Special Concern, USFWS Bird of Conservation Concern</td>
</tr>
<tr>
<td>Picoides nuttallii</td>
<td>Nuttall’s woodpecker</td>
<td>USFWS Bird of Conservation Concern</td>
</tr>
<tr>
<td>Agelaius tricolor</td>
<td>tricolored blackbird</td>
<td>CDFW Species of Special Concern, USFWS Bird of Conservation Concern</td>
</tr>
<tr>
<td>Elanus leucurus</td>
<td>white-tailed kite</td>
<td>California Fully Protected Species</td>
</tr>
<tr>
<td>Icteria virens</td>
<td>yellow-breasted chat</td>
<td>CDFW Species of Special Concern</td>
</tr>
</tbody>
</table>

In addition to the special-status bird species noted above, non-status nesting birds are protected under the Migratory Bird Treaty Act (MBTA) and by the CFGC. Birds may nest in trees, brush, shrubs and grasslands within or adjacent to the project site. Nesting birds may be directly or indirectly affected by activities within the project site.
Seven special-status bat species also have a moderate potential to occur within the oak woodland, intermittent stream habitat, and abandoned structures within the project site. Table 4.4-3 outlines the species with potential to occur on the project site as well as their protection status with the Western Bat Working Group (WBWG) and CDFW.

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Protection Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Myotis thysanodes</td>
<td>fringed myotis</td>
<td>WBWG High Priority</td>
</tr>
<tr>
<td>Lasiurus cinereus</td>
<td>hoary bat</td>
<td>WBWG Medium Priority</td>
</tr>
<tr>
<td>Myotis volans</td>
<td>long-legged myotis</td>
<td>WBWG High Priority</td>
</tr>
<tr>
<td>Antrozous pallidus</td>
<td>pallid bat</td>
<td>CDFW Species of Special Concern, WBWG High Priority</td>
</tr>
<tr>
<td>Corynorhinus townsendii</td>
<td>Townsend’s big-eared bat</td>
<td>CDFW Species of Special Concern, WBWG High Priority</td>
</tr>
<tr>
<td>Lasiurus blossevillii</td>
<td>western red bat</td>
<td>CDFW Species of Special Concern, WBWG High Priority</td>
</tr>
<tr>
<td>Myotis yumanensis</td>
<td>Yuma myotis</td>
<td>WBWG Low Priority</td>
</tr>
</tbody>
</table>

In addition to the bat and bird species, there is one special-status herptile species having a moderate potential to occur within the project site’s riparian habitat. It is listed in Table 4.4-4, below.

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Protection Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actinemys marmorata</td>
<td>western pond turtle</td>
<td>CDFW Species of Special Concern</td>
</tr>
</tbody>
</table>

**Protected Trees**

The project site contains numerous native trees that are large enough to be considered “heritage” trees per Chapter 17-24, “Trees” of the Santa Rosa City Code (Tree Ordinance). Trees, other than heritage trees, situated within City-owned parks and other City-owned or controlled places when altered, removed, or relocated by City employees or by contractors retained by the City are also exempt. The Tree Ordinance defines a “heritage tree” as:

- valley oak (*Quercus lobata*), blue oak (*Q. douglasii*), or buckeye (*Aesculus californica*) 19 inches circumference at breast height (measured at 4.5 feet above ground; equal to 6 inches diameter at breast height [DBH]) or greater;
• Pacific madrone (*Arbutus menziesii*) 38 inches circumference (12 inches DBH) or greater;
• coast live oak (*Quercus agrifolia*), black oak (*Q. kelloggii*), Oregon oak (*Q. garryana*),
canyon live oak (*Q. chrysolepis*), interior live oak (*Q. wislizenii*), red alder (*Alnus rubra [A. oregona]*),
or white alder (*A. rhombifolia*) 57 inches circumference (18 inches DBH) or
greater; or
• Coast redwood (*Sequoia sempervirens*), California bay (*Umbellularia californica*), Douglas
fir (*Pseudotsuga menziesii*), or big-leaf maple (*Acer macrophyllum*) 75 inches circumference
(24 inches DBH) or greater.

WRA’s ISA-Certified Arborist conducted a preliminary assessment of trees within the project
site during their biological reconnaissance, and determined that the majority of trees within the valley
oak riparian woodland, and disturbed valley oak woodland habitats are large enough to be considered
heritage trees per the Tree Ordinance. In addition, developed/landscaped areas, and non-native
grasslands contain scattered native trees which are large enough to be considered heritage trees.

In July 2018 WRA conducted a focused heritage tree survey that concentrated on the trees located
along the proposed pathway and active use areas of the site. The survey counted 355 heritage trees,
including coast live oak, valley oak, redwood, and California buckeye, and ranging from six to 111
inches in trunk diameter. In addition to providing the sizes, the survey rated the health, structure and
overall condition of the trees. The survey also identified which trees were potential candidates for
removal, based on their locations with respect to the proposed trail alignments and park facilities. A
copy of the tree survey is included in Appendix A.

**Santa Rosa Plain Conservation Strategy**

The project site is located within the Santa Rosa Plain, an eco-region which supports habitat for
many vernal pool-associated special-status species. The USFWS developed the Santa Rosa
Plain Conservation Strategy as a conservation plan for these species. The Santa Rosa Plain
Conservation Strategy Area is an area established by the USFWS for the protection and continued
existence of California tiger salamander (CTS, *Ambystoma californiense*) and three endangered plant
species: Burke’s goldfields (*Lasthenia burkei*), Sonoma sunshine (*Blennosperma bakeri*), and
Sebastopol meadowfoam (*Limnanthes vinculans*). The Conservation Strategy outlines the specific
species of concern for this area along with guidance for specific conservation measures. In 2007 the
Corps consulted with the USFWS on Section 404 permitting within the Conservation Strategy area
which resulted in a Programmatic Biological Opinion (PBO). This 2007 PBO outlines the mitigation
requirements resulting from impacts to wetlands and associated impacts to CTS and the three listed
plants, and can be appended to permits authorized by the Corps. It is the PBO that dictates the
mitigation requirements for CTS and the three listed plant species.
4.4.3  Impact Discussion

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS?

Rare Plants

Eighty-nine special-status plant species have been documented within the vicinity of the project site. Two special-status plant species, Sonoma alopecurus, and congested-headed hayfield tarplant, were initially determined to have a moderate potential to occur within the project site, due to the presence of suitable habitat, proximity to documented occurrences, and relative tolerance of the disturbance regime (in the case of congested-headed hayfield tarplant). A protocol-level rare plant survey was performed by WRA on July 20, 2017 to determine the presence or absence of these species on the project site. The survey resulted in negative findings for special-status plant species within the project site.

The project site does not contain suitable habitat for listed plant species covered by the Santa Rosa Plain PBO, Burke’s goldfields, Sonoma sunshine, and Sebastopol meadowfoam, due to a lack of vernal pool and seasonal wetland habitat, lack of suitable hydrology (i.e. extended ponding), and prior disturbance (i.e. agricultural conversion, development, repeated mowing or discing). Although the project site does contain riparian wetland habitat, riparian wetlands within the site are characterized by perennial emergent marsh conditions which does not represent suitable habitat for these species. Moreover, Burke’s goldfields, and Sebastopol meadowfoam were not observed during the site visit which was conducted during their documented bloom period. No further surveys are recommended for Santa Rosa Plain covered species.

Despite the lack of suitable habitat within the project site, protocol-level surveys for listed species were conducted by WRA as a conservative measure in March, April, and May 2018. Given the lack of suitable habitat, no further surveys are warranted. No special-status plants were encountered during the surveys, and these species are considered not present within the project site.  (Less Than Significant Impact)

Purple Needlegrass Grasslands

The project site contains a robust stand of native purple needlegrass grassland which is potentially considered sensitive under CEQA, and would require mitigation if significant impacts to these grasslands occur through project implementation. Purple needlegrass grasslands are mapped within the project site as containing purple needlegrass greater than approximately 45 percent relative cover of the herbaceous layer. The project is designed to avoid impacts, however, by locating trails around the perimeter of the mapped purple needlegrass grasslands area, and providing interpretive signage adjacent to it.  (Less Than Significant Impact)
Special-status Bats

The project site contains uninhabited buildings that may provide roost structures to the following special-status bat species documented in the vicinity: fringed myotis, hoary bat, long-legged myotis, pallid bat, Townsend’s big-eared bat, and Yuma myotis. At the time of the site visit, one uninhabited residence was boarded at typical points of entry. However, vents were not blocked and bats are known to use buildings’ relatively small entry and egress points. Any planned demolition of these buildings could potentially impact bat species that may use them as a roost. These activities could result in the direct removal or destruction of the maternity roost. These activities may also create audible, vibratory and/or visual disturbances which cause maternity roosting bats to abandon their roost site.

**Impact BIO-1:** Demolition of the existing buildings on the project site could potentially impact special-status bat species that may use them as a roost, and could result in the direct removal, abandonment, or destruction of the maternity roost. *(Significant Impact)*

**Mitigation Measures:** Implementation of the following mitigation measures will reduce potential impacts to special-status bats to less than significant levels.

**MM BIO-1.1:** A qualified biologist shall conduct a roost assessment survey of uninhabited residences located within the project site. The survey will assess use of the structure for roosting as well as potential presence of bats. If the biologist finds no evidence of, or potential to support bat roosting, no further measures are recommended. If evidence of bat roosting is present, additional measures described below should be implemented:

- If evidence of bat roosting is discovered during the pre-construction roost assessment and demolition is planned August 1 through February 28 (outside the bat maternity roosting season), a qualified biologist should implement passive exclusion measures to prevent bats from re-entering the structures. After sufficient time to allow bats to escape and a follow-up survey to determine if bats have vacated the roost, demolition may continue and impacts to special-status bat species will be avoided.

- If a pre-construction roost assessment discovers evidence of bat roosting in the uninhabited residences during the maternity roosting season (March 1 through July 31), and determines maternity roosting bats are present, demolition of maternity roost structures will be avoided during the maternity roosting season or until a qualified biologist determines the roost has been vacated. *(Less Than Significant Impact with Mitigation Incorporated)*
Special-Status Herptiles

Western pond turtle has a moderate potential to occur within the project site but is generally only associated with aquatic habitats. If present, western pond turtle would only occur within or directly adjacent to Roseland Creek. No in-water work is proposed within the project site’s intermittent stream habitat (Roseland Creek). However, the project will incorporate measures intended to prevent and/or avoid impacts to special-status species, as described below, during work in or adjacent to the aquatic features they inhabit.

Western Pond Turtle

Western pond turtle (WPT) has a moderate potential of occurring in the intermittent stream habitat along Roseland Creek within the project site. To avoid impacting this species of special concern, a pre-construction survey is recommended to determine if the species is present within work impact areas. If so, CDFW should be consulted to determine if individuals may be relocated to outside the work area.

**Impact BIO-2:** Construction activities associated with the project could potentially impact WPT occurring in the intermittent stream habitat along Roseland Creek. (Significant Impact)

**Mitigation Measures:** Implementation of the following mitigation measure will reduce potential impacts to WPT to less than significant levels.

**MM BIO-2.1:** A pre-construction survey to determine the presence of WPT shall be conducted 48 hours prior to the commencement of any construction activities in or adjacent to Roseland Creek within the project site boundaries. (Less Than Significant Impact with Mitigation Incorporated)

California Tiger Salamander

The project site does not contain aquatic habitat inundated to depths or for time periods long enough for CTS breeding; however, the project site is within 0.7 mile of documented breeding occurrences of CTS and is designated in the Santa Rosa Plain Conservation Strategy as potential for CTS. While there is potential for CTS to disperse through the project site, the project site did not contain small mammal burrows typical of CTS upland habitat at the time of the May 2017 site visit. The Conservation Strategy contains an extensive list of recommended avoidance and habitat mitigation measures, however, consultation with the USFWS and CDFW will be necessary to determine final minimization measures and habitat compensation amounts for impacts to CTS and its habitat.

While CTS is considered unlikely to be present within the project site based on the Biological Resources Assessment (Appendix A), the site is within designated critical habitat for CTS. Therefore, all non-hardscaped upland areas within the site including non-native grassland, disturbed valley oak woodland, riparian wetland, intermittent stream, purple needlegrass grassland, and valley oak riparian woodland, and the non-hardscaped portion of the developed/landscaped areas are
considered potential non-breeding habitat for CTS, and impacts to these habitats require mitigation. Although the Conservation Strategy and PBO provide guidelines for habitat mitigation within the Santa Rosa Plain, final habitat mitigation ratios and location of mitigation lands will be determined during consultation with the USFWS and CDFW.

While CTS could potentially disperse through the project site, planning future development for areas of the site that are already developed or contain hardscape would likely preclude CTS dispersal into those areas. Thus, the area of impact, for mitigation purposes, is reduced by locating development in previously developed or hardscaped areas of the site. The project would impact approximately 1.37 acres of CTS upland dispersal habitat.

**Impact BIO-3:** Construction activities associated with the project could potentially impact CTS occurring on the site and 1.37 acres of upland dispersal habitat.  
*(Significant Impact)*

**Mitigation Measures:** Implementation of the following mitigation measures will reduce potential impacts to CTS to less than significant levels.

**MM BIO-3.1:** The project shall implement the following avoidance and mitigation measures contained in the Santa Rosa Plan Conservation Strategy:

- No ground disturbing activities shall be conducted during the wet season (October 15 through April 14) when CTS are likely to move through the site.

- In addition to the seasonal work restriction, no ground disturbing activities occur within 48 hours of a rain event (defined as 0.25 inch or greater within a 24-hour period) because CTS are more likely to leave refugia and move during such rain events.

**MM BIO-3.2:** Based upon the Conservation Strategy and PBO, the appropriate ratio for upland habitat mitigation within the site is one acre of mitigation for every one acre of impact; the relevant parameter for determining this ratio is the location of nearest documented breeding habitat areas located between 2,200 feet and 1.3 miles from the site or reported adult occurrences. The project will impact 1.37 acres of CTS upland dispersal habitat, requiring 1.37 acres of mitigation credits. Mitigation is generally recommended to occur within the same area where impacts are taking place or mitigation bank credits may be purchased from an approved mitigation bank. In this case, the project site lies within the Southwest Santa Rosa Preserve System conservation area, southeast from Wright, northeast from Llano, and directly north from Stony Point conservation areas. As stated in the Conservation Strategy, considering the developed nature of the Southwest Santa Rosa Preserve System, other conservation areas are recommended for mitigation. Therefore, the areas
recommended to mitigate for habitat lost within the site would be the Wright, Llano, or Stony Point Conservation Areas.

**MM BIO-3.3:** Prior to construction, the City of Santa Rosa shall initiate a formal consultation with the USFWS and CDFW to determine final habitat compensation amounts for impacts to CTS and its habitat.

With the implementation of the mitigation measures described above and included in the project, the project will not have substantial adverse effects on any species identified as a candidate, sensitive, or special-status species. *(Less Than Significant with Mitigation Incorporated)*

**b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFW or USFWS?**

The project site contains riparian wetland, and intermittent stream which are likely to be considered jurisdictional waters of the U.S. All areas mapped as riparian wetland on the site are avoided by the proposed park improvements. However, the conceptual plan includes two pedestrian bridge crossings across Roseland Creek. If impacts occur below the top of bank (TOB), within riparian habitat, or the project proposes to fill wetlands or areas below the OHWM of the creek then the following permits will be required:

- Corps Section 404 Nationwide Permit (OHWM, wetlands),
- RWQCB Section 401 Water Quality Certification (OHWM, wetlands),
- RWQCB Waste Discharge Requirements (TOB), and
- CDFW Section 1602 Streambed Alteration Agreement (TOB, riparian woodland, or riparian wetland)

The proposed bridge construction will avoid the OHWM of the creek, as well as potential riparian wetlands, so no formal wetland delineation or permits from the Corps would be required. Although the final design of the bridges has not been completed to date, the removal of vegetation, particularly woody trees and shrubs within the valley oak riparian woodland will require a CDFW permit and require replacement mitigation at a three to one ratio. *(Less Than Significant Impact)*

**c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

See response to Question b), above.

**d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, impede the use of native wildlife nursery sites?**
The project may involve the removal of trees and woody vegetation. Wildlife that would need to be protected if any trees are removed include birds and bats. The nesting season of birds is generally considered to be between February 1 and August 15. In addition to tree removal, construction activities associated with the proposed project could result in the loss of fertile eggs, nesting raptors or other migratory birds. Nest abandonment could also occur. If construction, woody or herbaceous vegetation removal, or initial ground disturbance commences during the nesting season, then a pre-construction nesting bird survey is required. If active nests are observed during the pre-construction surveys, project activities must avoid the area as determined by a qualified biologist and resume only after the young have fledged the nest or the nest otherwise becomes inactive.

The report also recommended, if possible, that any trees or standing snags needing to be removed should be taken down outside of the bat maternity season. If removal of trees or standing snags (i.e. dead standing trees) is necessary during the bat maternity roosting season (April 1 through August 15), preconstruction surveys for bat maternity roosts is required.

**Impact BIO-4:** Construction activities and tree removal associated with the proposed project could result in the loss of fertile eggs, nesting raptors or other migratory birds, and bat maternity roosts. Nest abandonment could also occur. *(Significant Impact)*

**Mitigation and Avoidance Measures:** Implementation of the following mitigation measures will reduce potential impacts to nesting birds and bat maternity roosts to less than significant levels through project construction scheduling and completion of pre-construction surveys.

**MM BIO-4.1:** Construction shall be scheduled to avoid the nesting season to the extent feasible. The nesting season for most birds, including most raptors in the San Francisco Bay area, extends from February 1 through August 15.

**MM BIO-4.2:** If it is not possible to schedule demolition and construction between September and January, pre-construction surveys for nesting birds shall be completed by a qualified ornithologist to ensure that no nests will be disturbed during project implementation. This survey shall be completed no more than 14 days prior to the initiation of construction activities during the early part of the breeding season (February through April) and no more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through August). During this survey, the ornithologist will inspect all trees and other possible nesting habitats immediately adjacent to the construction areas for nests. If an active nest is found sufficiently close to work areas to be disturbed by construction, the ornithologist, in consultation with CDFW, will determine the extent of a construction-free buffer zone to be established around the nest, typically 250 feet, to ensure that raptor or migratory bird nests will not be disturbed during project construction.

**MM BIO-4.3:** Any trees or standing snags (i.e. dead standing trees) needing to be removed shall be taken down outside of the bat maternity roosting season (April 1
through August 15). If tree removal is necessary during the maternity season, preconstruction surveys for bat maternity roosts should be conducted by a qualified biologist no less than 14 days prior to the removal of the trees, or snags. Following the removal of any tree at any time of year, that tree shall be allowed to lay undisturbed for one night to allow any roosting bats to leave the tree or snag before chipping, grinding or off-hauling. If special-status bat species are detected during surveys, species avoidance and minimization measures shall be used.

With the implementation of the mitigation measures described above and included in the project, the project will not have substantial adverse effects on any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors or nursery sites. (Less Than Significant with Mitigation Incorporated)

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

The project has been designed to locate project elements such as trails, pavilions, play areas and parking lots away from protected trees and outside of tree drip lines, where possible. Elevated boardwalk structures are proposed where necessary to avoid compaction within adjacent tree root zones.

Based on an arborist survey conducted by WRA in March 2019 (refer to Appendix A), the areas of the site proposed for improvements contain 355 native trees that are large enough to be considered “heritage” trees per the Tree Ordinance. Of these, approximately four trees were identified in the survey as having the potential for removal, based on their locations relative to the proposed trail alignments and park facilities.

A tree removal permit may be required for any alteration, removal or relocation of heritage, protected or street trees. Replacement plantings will be required as a condition of approval in order to mitigate for the loss of functions provided by trees to be removed including shade, erosion control, groundwater replenishment, visual screening, and wildlife habitat. The project site has adequate acreage to accommodate replacement plantings within non-sensitive habitat areas.

In addition to the heritage trees anticipated to be removed, the project will include trail construction within the root zones (defined by the Tree Ordinance as the outer extent of the tree dripline, plus 10 feet) of heritage trees to be preserved. Potential impacts to the canopy or root systems of trees selected for preservation could include damage to branches or trunk during construction, ripping or tearing roots during subgrade excavation, or smothering roots due to soil compaction or grade fills. These types of injuries can lead to reduced tree vigor, increased susceptibility to pathogens or pests, or in severe cases eventual tree decline or death. As described above, the project has been designed to avoid direct and indirect impacts to heritage trees. In order to avoid and minimize any further damage to existing trees additional conditions of approval shall be implemented during construction consistent with the Tree Ordinance.
Standard Conditions: As a condition of approval for tree removal permits, replacement trees shall be planted in accordance with the following criteria from the Ordinance:

- For each six inches or fraction thereof of the diameter of a tree which was approved for removal, two trees of the same genus and species as the removed tree (or another species, if approved by the City), each of a minimum 15-gallon container size, shall be planted on the project site, provided however, that an increased number of smaller size trees of the same genus and species may be planted if approved by the City, or a fewer number of such trees of a larger size if approved by the City.

- If the development site is inadequate in size to accommodate the replacement trees, the trees shall be planted on public property with the approval of the Director of the City’s Recreation and Parks Department. Upon the request of the developer and the approval of the Director, the City may accept an in-lieu payment of $100.00 per 15-gallon replacement tree on condition that all such payments shall be used for tree-related educational projects and/or planting programs of the City.

The following relevant tree protection measures during construction are required as a condition of approval, as excerpted from Section 17-24.050 of the Tree Ordinance:

- Before the start of any clearing, excavation, construction or other work on the site, every protected tree shall be securely fenced off at the “protected perimeter,” which shall be either the drip line or other limit as may be established by the City. Such fences shall remain continuously in place for the duration of all work undertaken in connection with the development. The area so fenced off shall not be used as a storage area or altered or disturbed except as may be permitted under this subsection.

- If the proposed development, including any site work for the development, will encroach upon the protected perimeter of a protected tree, special measures shall be utilized, as approved by the Director, to allow the roots to obtain oxygen, water, and nutrients as needed. Any excavation, cutting, filling, or compaction of the existing ground surface within the protected perimeter, if authorized at all by the Director, shall be minimized and subject to such conditions as may be imposed by the Director. No significant change in existing ground level shall be made within the drip line of a protected tree. No burning or use of equipment with an open flame shall occur near or within the protected perimeter. All brush, earth and other debris shall be removed in a manner which prevents injury to the protected tree.

- No oil, gas, chemicals or other substances that may be harmful to trees shall be stored or dumped within the protected perimeter of any protected tree, or at any other location on the site from which such substances might enter the perimeter of a protected tree. No construction materials shall be stored within the protected perimeter of a protected tree.

- Underground trenching for utilities shall avoid major support and absorbing tree roots of protected trees. If avoidance is impractical, tunnels shall be made below the roots. Trenches shall be consolidated to service as many units as possible. Trenching within the drip line of
protected trees shall be avoided to the greatest extent possible and shall only be done under the on-site directions of a Certified Arborist.

- No concrete or asphalt paving shall be placed within the dripline of protected trees [selected for preservation]. No artificial irrigation shall occur within the root zone of oaks.

- No compaction of the soil within the root zone of protected trees [selected for preservation] shall occur.

The Tree Ordinance also allows the Director to impose additional conditions for work encroaching on the protected perimeter of a protected tree. Where construction activities overlap with heritage tree dripline the following protection measures will be required as conditions of approval:

- A Tree Protection Zone (TPZ) equal to the dripline radius plus 10 feet shall be the standard TPZ for heritage trees selected for preservation in which ground disturbance shall be limited to the maximum extent feasible.

- Where possible, temporary protective fencing shall be installed around the TPZ of each tree designated for preservation prior to commencement of any construction activity conducted within 25 feet of the TPZ, of a tree designated for preservation.

- Many existing trees in the Project Area selected for preservation are situated too close to project improvements (e.g. trail alignments), where fencing around the TPZ is infeasible. In those cases, high visibility temporary fencing shall be wrapped around the tree trunk to signify the tree is to be saved and to alert machine operators to avoid damaging the tree. Extreme caution shall be taken to avoid mechanical injury to tree trunks, scaffold branches and root flares. As soon as required work is complete within the TPZ, temporary protective fencing shall be installed around the TPZ and shall remain in place as long as ground disturbance activities are taking place.

- The fence shall consist of highly visible material (e.g. orange safety fencing) to prevent inadvertent encroachment by heavy machinery. Heavy equipment use, excavation, fill, grading, trenching, drainage changes or other soil disturbance shall be limited within the TPZ. Material storage, vehicle parking, and trash disposal shall not occur within the TPZ.

- Grading and soil compacting shall be restricted within the TPZ to the maximum extent feasible. If any significant roots (2 inch diameter or greater) are uncovered within the TPZ they shall be kept moist at all times with use of damp burlap fabric, and buried as soon as feasible.

- Grading and/or trail construction within the TPZ of heritage trees shall be monitored periodically by a Certified Arborist. All necessary tree work should be performed by an ISA-Certified Arborist or comparable tree specialist. Improper pruning can be harmful to health and structure of trees. No tree pruning will be permitted unless approved by a Certified Arborist. Any pruning of existing trees shall be performed by a licensed tree care
professional and shall comply with the ANSI A300 standards and International Society of Arboriculture (ISA) Best Management Practices for Tree Pruning. All tree pruning tools must be cleaned prior to and after use. All branches being removed shall be cut to, but not beyond, the branch collar. All pruning shall be done in a way that maintains the balance and structure of the tree.

- Site drainage should be designed to create positive drainage away from the trunk of preserved trees, and to prevent ponding within the TPZ. Supplemental irrigation of 1 to 2 inches monthly, may be necessary within the TPZ of preserved trees during construction within the dry season.

With the implementation of the Standard Conditions described above, the project would not conflict with any local policies or ordinances such as tree preservation ordinances. (Less Than Significant Impact)

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

As discussed in the response to Question a), above, the project will conform to the recommended avoidance and habitat mitigation measures contained in the Santa Rosa Plain Conservation Strategy to reduce potential impacts to a less than significant level. (Less Than Significant Impact)

4.4.4 Conclusion

With the implementation of the mitigation measures and Standard Conditions described above and included in the project, the project will not have substantial adverse effects on any species identified as a candidate, sensitive, or special-status species, nor will it have substantial adverse effects on any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors or nursery sites. The project would not conflict with any approved habitat conservation plans, as it would be consistent with the applicable provisions of the Santa Rosa Plain Conservation Strategy. (Less Than Significant with Mitigation Incorporated)
### 4.5 CULTURAL RESOURCES

The following discussion is based in part on an architectural and historical evaluation of the existing structures located at 1400 Burbank Avenue, within the project site boundary, prepared by Tom Origer & Associates in May 2011. A copy of the evaluation report is included in Appendix B of this Initial Study. A cultural resources survey was also completed in January 2011 and is on file with the City.

#### 4.5.1 Environmental Checklist

<table>
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<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
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<tr>
<td>a) Cause a substantial adverse change in the significance of an historical resource as defined in CEQA Guidelines Section 15064.5?</td>
<td>❌</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
<td>10,11</td>
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<td>b) Cause a substantial adverse change in the significance of an archaeological resource as defined in CEQA Guidelines Section 15064.5?</td>
<td>❌</td>
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<td>c) Directly or indirectly destroy a unique paleontological resource or site, or unique geologic feature?</td>
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<td>d) Disturb any human remains, including those interred outside of dedicated cemeteries?</td>
<td>❌</td>
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<td>☑</td>
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<td>e) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:</td>
<td>❌</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
<td>1,11</td>
</tr>
<tr>
<td>1. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k); or</td>
<td>❌</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
<td></td>
</tr>
</tbody>
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Would the project:

2. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying this criteria, the significance of the resource to a California Native American tribe shall be considered.

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<tr>
<th>Potential Impact</th>
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<th>Mitigation</th>
<th>Less Than Significant</th>
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</tbody>
</table>

4.5.2 **Existing Setting**

4.5.2.1 **Historical Setting**

The project site is located in southwest Santa Rosa, within the bounds of the Rancho Cabeza de Santa Rosa, an 8,885-acre grant made to María Ignacia López de Carrillo, the mother-in-law of General Mariano Vallejo. Traveling from San Diego in 1837, she brought seven of her children to settle on the rancho and built the first European dwelling in the Santa Rosa area. After Señora Carrillo’s death in 1849, most of the rancho was divided among her children. James Eldridge filed a claim with the U.S. Lands Commission in 1853 for a 1,668-acre portion in the southwestern quadrant of the Cabeza de Santa Rosa. The claim was confirmed by the district court in 1857, and he received patent to the claim in 1880.

Eldridge sold some 320 acres in the southwest corner of the grant to Joseph McMinn, who was an early settler in the Santa Rosa area having brought his family overland from Missouri in 1852. As an adolescent, John McMinn traveled from Missouri to California with his family, arriving in Sonoma County in 1852, where he worked on his father’s farm southwest of Santa Rosa. He married Elizabeth Blair, also from Missouri, in 1861, and together they had eleven children. The McMinns lived on the farm outside of Santa Rosa for many years, moving into town in 1888 when John retired from farming. They sold much of the old farm to Henry Davis near the turn of the 20th century and their sons, John and James Ross, were deeded 40 acres in 1904.

John and James Ross sold eleven of their 40 acres to George Dutton in 1908, leaving them with 29 acres of the original 320-acre farm. Despite living in town, James Ross continued to farm the property, commuting from the family’s 5th Street home. His brother John left the area and was in San Francisco working as a bookkeeper by 1910. During the first decade of the 20th century, the area southwest of Santa Rosa was divided again and again, and the once sprawling farmland became a Santa Rosa suburb. Neighbor Henry Davis filed a plat for the West Roseland subdivision in 1912, dividing his parcels into small farm lots, creating Burbank Avenue as part of the subdivision.

James Ross McMinn began selling portions of his farm during the 1940’s and 50’s. A 3.5-acre parcel to the south of the project site was sold to members of the Malde family in 1950. In 1960,
1400 Burbank Avenue was sold to Alf and Borghild Gunderson. Both of these families were Norwegian, and Alf’s sister Borgny was married to Paul Malde, who lived next door. The Gunderson family immigrated in 1928, and was in San Francisco in 1930.

4.5.2.2  **Archaeological Setting**

Archaeological evidence indicates that human occupation of California began at least 10,000 years ago. Early occupants appear to have had an economy based largely on hunting, with limited exchange, and social structures based on the extended family unit. Later, milling technology and an inferred acorn economy were introduced. At the time of European settlement, the study area was situated in an area controlled by the Southern Pomo. The Southern Pomo were hunter-gatherers who lived in rich environments that allowed for dense populations with complex social structures. They settled in large, permanent villages about which were distributed seasonal camps and task-specific sites. Sites often were situated near freshwater sources and in ecotones where plant life and animal life were diverse and abundant.

In 2011, Tom Origer & Associates conducted a cultural resources survey for the proposed Roseland Creek Community Park Project on Burbank Avenue in Santa Rosa, Sonoma County, California, as requested by the City of Santa Rosa. This study included archival research at the Northwest Information Center, Sonoma State University (NWIC File No. 04-501), examination of the library and files of Tom Origer & Associates, consultation with the Native American Heritage Commission, and field inspection of the project location. The field survey found no prehistoric cultural resources within the study area.³

4.5.2.3  **Paleontological Resources**

The Santa Rosa General Plan 2035 does not identify paleontological resources in the City. The geological formations within the project area have not been identified as sensitive for paleontological resources.⁴

4.5.3  **Impact Discussion**

a)  **Cause a substantial adverse change in the significance of an historical resource?**

    **Evaluation of Existing Structures**

The cultural resources survey completed for the project site identified buildings on three properties, 1027 McMinn Avenue, 1370 Burbank Avenue, and 1400 Burbank Avenue. The single-family residence at 1027 McMinn Avenue is a simple, post-World War II structure that was determined not to be historic. The residence and outbuildings at 1370 Burbank Avenue were also found not to be

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The house at 1400 Burbank Avenue is a one-story frame structure with a compound form, constructed in 1931. The front of the house is very simple and appears to have been used rarely, the rear entry serving as the main access point. The door and stoop are centered on the front façade, and are flanked by narrow, double-hung windows. Outward of these windows are larger, fixed windows. Projecting to the rear are gabled wings that create a small, U-shaped courtyard at the rear of the building. Three doorways open on to the courtyard accessing different parts of the house. Two doorways are standard sized, and one consists of a pair of French doors. A third gabled wing extends north from the northern wing. It has its own entrance on the east elevation.

The house is clad with narrow, lapped siding except near the bottom of each wall where vinyl siding has been installed. Decorative brackets are found at the gable ends. Windows throughout the house have vinyl sashes. At the rear of the house is a small, gable-roofed barn. Original siding appears to be vertical boards and battens. The roof is covered with corrugated metal sheets, and the windows are a mix of multi-paned and fixed vinyl sashes.

According to the California Register criteria, a building (or any other cultural resource) acquires significance from its association with an important event or pattern in history; through its association with an important person; because it represents a particular type, period, region or method of construction, the work of a master, or possesses high artistic values; or because it contains information that can be studied to enhance our understanding of history. In addition to meeting one or more of these criteria, eligibility for the California Register requires that a resource retain sufficient integrity to convey a sense of its significance or importance. As defined by the State, “Integrity is the authenticity of an historical resource’s physical identity evidenced by the survival of characteristics that existed during the resource’s period of significance” [Title 14, Chapter 11.5 CCR, §4852(c)]. Seven elements are considered key in considering a property’s integrity: location, design, setting, materials, workmanship, feeling, and association.

Within the context of Rural Subdivisions, it is necessary to determine if this property illustrates and conveys the importance of that context. The following conclusions were reached with regard to each of the California Register criteria:

**Criterion 1.** In order to be considered important under Criterion 1, the property needs to be able to convey the importance of the historic context. For example, a property that demonstrates the role that rural subdivisions played in creating our landscape patterns would be of a size that would allow for a small family farm but not so large that it would require the full effort of the family to maintain. This property lacks the agricultural element of a rural sub-division lot (i.e., most outbuildings, garden, or orchards), and does not meet Criterion 1.

**Criterion 2.** Under Criterion 2, a property can be significant because of its association with an important person but the association must be one that reflects the reason for the person’s importance. The McMinn family has a long history in Sonoma County beginning in the

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1850s when they were pioneers of the Santa Rosa area. At that time the family owned 320 acres southwest of Santa Rosa where cattle and grain production was their focus. Despite their long residence and having loaned their name to McMinn Avenue, no especially important tie was found between the McMinn family nor any of its members with the historic context of Rural Subdivisions. Criterion 2 is not met.

**Criterion 3.** Criterion 3 speaks to the architectural significance of a property. This property does not meet Criterion 3. No particular style, method, or type of construction is demonstrated.

**Criterion 4.** Criterion 4 generally applies to archaeological resources or resources that, through study of construction details, can provide information that cannot be obtained in other ways. This building possesses no intrinsic qualities that could answer questions or provide important information about our history, and Criterion 4 is not met.

The architectural/historical evaluation of the buildings at 1400 Burbank Avenue found that the building does not appear eligible for inclusion on the California Register as an individual property and is not a contributor to an historic district. As the property does not meet the criteria for inclusion on the California Register, no further consideration is warranted. Implementation of the proposed project would therefore not cause a substantial adverse change in the significance of an historical resource as defined in CEQA Guidelines Section 15064.5. **(Less Than Significant Impact)**

b) **Cause a substantial adverse change in the significance of an archaeological resource?**

A cultural resources survey conducted for the site by Tom Origer & Associates in 2011 found no prehistoric cultural resources within the study area. Implementation of the proposed project would therefore not cause a substantial adverse change in the significance of an archaeological resource. **(Less Than Significant Impact)**

c) **Directly or indirectly destroy a unique paleontological resource or site, or unique geologic feature?**

The Santa Rosa General Plan 2035 EIR does not identify paleontological resources in the City. It is therefore not anticipated that there would be significant risk of discovery of or damage to paleontological resources resulting from the implementation of the proposed park project. Although the potential exists for ground-disturbing activities to inadvertently impact an unknown resource, if these resources are inadvertently discovered, General Plan Policies HP-A-2 and HP-A-3 (with assistance from a paleontologist) will be implemented along with federal and state statutes protecting these resources from disturbance and destruction.

No paleontological resources, nor the potential for paleontological resources to exist was identified on the project site. Therefore, no impacts to paleontological resources are anticipated to result from the proposed park project, and no mitigation measures are required. **(No Impact)**
d) Disturb any human remains, including those interred outside of dedicated cemeteries?

A Cultural Resources Evaluation was prepared by Tom Origer & Associates, dated January 11, 2011. Archival research from the evaluation found that about 60 percent of the study area was previously inspected for the presence of cultural resources. No prehistoric resources were found within the study area, but potentially important buildings were noted during both surveys. Harris and Clarke (1991) reported the presence of the T.M. Markham family cemetery dating to the 1860s. Loyd and Beard (2002) talked to nearby residents and were told that headstones and a plaque marked the cemetery location but were removed by a former property owner. Archival research completed in 2002 and 2011 found no information about the cemetery and no evidence of a Markham family in this area during the late 1800s. The study did not find any further evidence of this cemetery, but recommends any ground disturbing activity have a professional archaeologist on-site.

Impact CUL-1: Construction activities associated with the proposed project could result in the disturbance of subsurface prehistoric and/or historic resources, including a 19th century cemetery. (Significant Impact)

Mitigation Measures: Implementation of the following mitigation measures will reduce potential impacts to subsurface cultural resources to less than significant levels.

MM CUL-1.1: No prehistoric or historical archaeological sites were found within the study area but a 19th century cemetery is reported to be within the study area. Therefore, any ground disturbing activities in the northeast part of the parcel at 1400 Burbank Avenue (APN 125-331-001) shall be monitored by a professional archaeologist and/or a tribal monitor from culturally affiliated Tribe(s). Implementation of the following mitigation measures will reduce potential impacts to prehistoric and historic resources to less than significant levels.

- If cultural resources are discovered during the project construction (inadvertent discoveries), all work in the area of the find shall cease and a qualified archaeologist and representatives of the culturally affiliated tribe(s) shall be retained by the project sponsor to investigate the find and make recommendations as to treatment and mitigation of any impacts to those resources. A qualified archaeological monitor will be present and will have the authority to stop and redirect grading activities, in consultation with any designated tribal monitors, to evaluate the significance of any archaeological resources discovered on the property.

- If human remains are encountered, consistent with California Health and Safety Code Section 7050.5, no further disturbance shall occur until the Sonoma County Coroner has made the necessary findings as to origin of the remains. Further, consistent with California Public Resources Code Section 5097.98(b), human remains shall be left in place and free from
disturbance until a final decision as to the treatment and disposition has been made.

If the Sonoma County Coroner determines the remains to be Native American, the Native American Heritage Commission shall be contacted within twenty-four (24) hours. The Native American Heritage Commission shall immediately identify the “most likely descendant(s)” and notify them of the discovery. The “most likely descendant(s)” shall make recommendations within forty-eight (48) hours, and engage in consultations with the landowner concerning the treatment of the remains, as provided in Public Resources Code Section 5097.98.

With implementation of the Mitigation Measures described above, the proposed project would have a less than significant impact on subsurface cultural resources. **(Less Than Significant Impact With Mitigation Incorporated)**

e) **Cause a substantial adverse change in the significance of a tribal cultural resource that is:**
   1) listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources, 2) determined to be a significant resource to a California Native American tribe.

Assembly Bill (AB) 52 was approved by the Governor on September 25, 2014. It adds a new category of resources to CEQA that must be considered during project planning – Tribal Cultural Resources. It also establishes a framework and timeline for consultation. AB 52 applies to projects that have a Notice of Preparation or a notice of a Negative Declaration or Mitigated Negative Declaration filed on or after July 1, 2015.

AB 52 requires lead agencies to conduct formal consultations with California Native American tribes during the CEQA process to identify tribal cultural resources that may be subject to significant impacts by a project. Where a project may have a significant impact on a tribal cultural resource, the lead agency’s environmental document must discuss the impact and whether feasible alternatives or mitigation measures could avoid or substantially lessen the impact.

This consultation requirement applies to tribes that have sent written requests for notification of projects to the lead agency. The City of Santa Rosa has received written requests for notification of consultation opportunities from Native American tribal representatives. The City has been in contact with representatives from the Federated Indians of Graton Rancheria regarding project design issues.

Based on the project’s conformance with the provisions of AB 52, as described above, the proposed park would have less than significant impacts on tribal cultural resources. **(Less Than Significant Impact)**
4.5.4 Conclusion

With incorporation of mitigation measure, MM CUL-1.1, project implementation would result in a less than significant impact to cultural resources. (Less Than Significant with Mitigation Incorporated)
### 4.6 GEOLOGY AND SOILS

#### 4.6.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>1. Rupture of a known earthquake fault, as described on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault (refer to Division of Mines and Geology Special Publication 42)?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>2. Strong seismic ground shaking?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>3. Seismic-related ground failure, including liquefaction?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>4. Landslides?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>b) Result in substantial soil erosion or the loss of topsoil?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>c) Be located on a geologic unit or soil that is unstable, or that will become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>d) Be located on expansive soil, as defined in Section 1803.5.3 of the California Building Code (2016), creating substantial risks to life or property?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
</tbody>
</table>

#### 4.6.2 Existing Setting

The City of Santa Rosa lies within the northeastern portion of the Cotati Valley found along the Santa Rosa Plain and also includes part of the Sonoma Mountains to the east. The planning area can be characterized by three distinct topographic regimes: gently sloping alluvial plains, upland foothills, and low valleys. The City is situated at the confluence of Matanzas Creek and Santa Rosa Creek, both of which originate from the Sonoma Mountains to the east. The Santa Rosa...
Plain slopes gently towards the west, away from the uplands, towards the lowest elevations of Cotati Valley.

4.6.2.1 **On-Site Geologic Conditions**

**Topography and Soils**

The project site is relatively flat with slopes of less than two percent. The entirety of the project site is underlain by soils of the Yolo, Zamora, Wright and Clear Lake Series and alluvial deposits. These soils have textures ranging from clay to clay loam to silty clay loam. They have very slow to moderate infiltration rates, and are moderately to well-drained.

**Seismicity and Seismic-Related Hazards**

The City of Santa Rosa lies adjacent to the Rodgers Creek Fault Zone and is approximately eight miles southwest of the Maacama Fault Zone and 20 miles northeast of the San Andreas Fault Zone. The Hayward-Rodgers Creek and San Andreas fault systems are two principally active, Bay Area strike-slip-type faults that have been responsible for historic earthquakes within the last 150 years. The Rodgers Creek fault is considered an extension of the Hayward fault and has experienced historic seismic events in 1969 and 1898. The Maacama Fault Zone experienced movement within the last 11,000 years and is capable of producing a maximum moment magnitude 7.1 earthquake. Other principal faults capable of producing ground shaking in Santa Rosa include the East Bay’s Hayward, San Gregorio-Hosgri Fault Zone along the San Mateo Coast, the Calaveras fault, and Concord-Green Valley fault.

The project site is approximately three miles from the Rodgers Creek Fault Zone, ten miles from the Maacama Fault, and 22 miles from the San Andreas Fault. Due to the proximity of the project site to these active or potentially active faults, ground shaking, ground failure, and/or liquefaction as a result of an earthquake could cause damage to structures on the site. An earthquake of moderate to high magnitude generated within the San Francisco Bay region could cause considerable ground shaking at the project site. Strong shaking during an earthquake can result in ground failure such as that associated with soil liquefaction, lateral spreading, and differential compaction. These seismic-related hazards are discussed below.

The site is not within an Earthquake Fault Zone, as defined by the Alquist-Priolo Earthquake Fault Zoning Act, and no known active or potentially active faults exist on the site.

4.6.2.2 **Liquefaction**

Liquefaction is the result of seismic activity and is characterized as the transformation of loose water saturated soils from a solid state to a liquid state during ground shaking.

4.6.2.3 **Landslides**

Landsliding due to static forces (not seismically induced) could occur in developed and undeveloped upland areas. Landslide potential increases in areas where construction activity, such as road building or grading for building sites, reduces slope support or in areas where residential
development has led to ground saturation or removal of adequate lateral support. Over-steepened slopes, slope saturation in areas of heavy rainfall, and removal of slope vegetation can also increase landslide potential. Instability of existing slopes could expose people to rockfall hazards and property damage. Failure in cut slopes produced during grading could cause damage and disrupt construction projects. Landslides can damage building beyond repair by dislodging the structure from the foundation or causing collapse as the slope beneath fails and moves downslope.

4.6.2.4  Applicable Plans, Policies, and Regulations

Alquist-Priolo Earthquake Fault Zoning Act

The Alquist-Priolo Earthquake Fault Zoning Act regulates development in California near known active faults due to hazards associated with surface fault ruptures. The Earthquake Fault Zones indicate areas with potential surface fault-rupture hazards. Areas within the Alquist-Priolo Earthquake Fault Zone require special studies to evaluate the potential for surface rupture to ensure that no structures intended for human occupancy are constructed across an active fault. The project site is not located in an Alquist-Priolo Earthquake Fault Zone.

California Building Code

The California Building Code prescribes a standard for constructing safer buildings throughout the State of California. It contains provisions for earthquake safety based on factors including occupancy type, soil and rock profile, strength of the ground, and distance to seismic sources. The Code is renewed on a triennial basis every three years; the current version is the 2016 Building Standards Code.

4.6.3  Impact Discussion

a,c) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: 1) rupture of a known earthquake fault, 2) strong seismic ground shaking, 3) seismic-related ground failure, or 4) landslides? Be located on a geologic unit or soil that is unstable, or that will become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Surface Fault Rupture and Seismic Shaking

The project site is located in a seismically active region of California and strong ground shaking would be expected during the lifetime of the proposed project. The closest active fault is the Rodgers Creek Fault, located approximately 2.5 miles northeast of the site. Because of the proximity of the Rodgers Creek Fault, there is a high probability that seismic ground shaking will affect the project site during the life of the proposed park structures. There are no known active faults traversing the project site and the site is not located in an Alquist-Priolo Earthquake Fault Zone. Potential for surface rupture from displacement or fault movement directly beneath the proposed project is, therefore, considered low. (Less Than Significant Impact)
Landslides

The project site is relatively flat, with a general slope of less than two percent. According to the General Plan Geologic and Seismic Hazards Map, the site is not located in or near any Landslide Complexes or Areas of Relatively Unstable Rock on Slopes of Greater than 15%. Therefore, there is a very low potential for structures on-site to be adversely impacted by landslides. (Less Than Significant Impact)

Liquefaction and Lateral Spreading

Liquefaction typically occurs in areas underlain with loose saturated cohesionless soils within the upper 50 feet of subsurface materials. These soils, when subjected to ground shaking, can lose their strength resulting from the buildup of excess pore water pressure causing them to behave closer to a liquified state. According to the General Plan, the project site is not located in an area that is prone to liquefaction hazards.

The project site is located in a relatively flat area and would not be exposed to nor cause substantial lateral spreading. Planned structures within the park are setback from Roseland Creek and would not be affected by lateral spreading. The project site is located in a relatively flat area and would not be exposed to substantial slope instability, or erosion. Dewatering is not required for the construction of the project. (Less Than Significant Impact)

b,d) Result in substantial soil erosion or the loss of topsoil? Be located on expansive soil, as defined in Section 1802.3.2 of the California Building Code (2007), creating substantial risks to life or property?

The project shall be constructed in accordance with the standard engineering practices in the California Building Code, as adopted by the City of Santa Rosa. Additionally, General Plan Policies NS-C-1 through NS-C-4 generally restrict development in areas of high hazards and require geotechnical investigations to evaluate potential hazards and provide recommendations to mitigate. Therefore, potential impacts from the presence of locally compressible and potentially expansive soils on the site would be less than significant. (Less Than Significant Impact)

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

The project does not propose the use of septic tanks or alternative wastewater disposal systems as the project site is currently served with sanitary service provided by the City of Santa Rosa. (No Impact)

4.6.4 Conclusion

The project would not result in significant geology and soil impacts. (Less Than Significant Impact)
4.7 GREENHOUSE GAS EMISSIONS

4.7.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,2,6</td>
</tr>
<tr>
<td>b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,2</td>
</tr>
</tbody>
</table>

4.7.2 Existing Setting

This section provides a general discussion of global climate change and focuses on emissions from human activities that alter the chemical composition of the atmosphere. Unlike emissions of criteria and toxic air pollutants, which have regional and local impacts, emissions of greenhouse gases (GHGs) have a broader, global impact. Global warming is a process whereby GHGs accumulating in the upper atmosphere contribute to an increase in the temperature of the earth and changes in weather patterns. The principal GHGs contributing to global warming include CO₂, methane, nitrous oxide, and fluorinated compounds. Emissions of GHGs contributing to global climate change are attributable in large part to human activities associated with the transportation, manufacturing, utility, and agricultural sectors.

The project site is developed with three single-family residences. Residential development typically results in greenhouse gas (GHG) emissions from building operations (e.g., heating/cooling and lighting) and vehicular travel to and from the site.

4.7.2.1 Applicable Plans, Policies, and Regulations

Senate Bill 32

The Bay Area Air Quality Management District (BAAQMD) adopted GHG emissions thresholds of significance to assist in the review of projects under CEQA. These thresholds were designed to establish the level at which BAAQMD has determined that GHG emissions would cause significant environmental impacts. The GHG emissions thresholds identified by BAAQMD are 1,100 metric tons (MT) of CO₂e per year or 4.6 MT CO₂e per service population per year for development through 2020. A project that is in compliance with the City’s Climate Action Plan (a qualified GHG Reduction Strategy) is considered to have a less than significant GHG impact regardless of its emissions.

The California Air Resources Board (CARB) has completed a Scoping Plan, which will be utilized by BAAQMD to establish the 2030 GHG efficiency threshold. BAAQMD has yet to publish a
quantified GHG efficiency threshold for 2030. For the purposes of this analysis, however, a Substantial Progress efficiency metric of 2.6 MT CO\textsubscript{2}e/year/service population has been calculated for 2030 based on the GHG reduction goals of SB 32 and Executive Order B-30-15, taking into account the 1990 inventory and the projected 2030 statewide population and employment levels.

**Bay Area 2017 Clean Air Plan**

Regional air quality management districts, such as BAAQMD, must prepare air quality plans specifying how state and federal air quality standards would be met. BAAQMD’s most recently adopted plan is the Bay Area 2017 Clean Air Plan (2017 CAP). The 2017 CAP focuses on two related BAAQMD goals: protecting public health and protecting the climate. To protect the climate, the 2017 CAP includes control measures designed to reduce emissions of methane and other super-GHGs that are potent climate pollutants in the near-term, and to decrease emissions of carbon dioxide by reducing fossil fuel combustion.

**Climate Action Plan**

In June 2012, the City of Santa Rosa adopted a comprehensive Climate Action Plan (CAP), the purpose of which was to present measures which would reduce local greenhouse gas emissions, to meet state, regional, and local reduction targets, and to streamline future environmental review of projects within Santa Rosa by following the California Environmental Quality Act (CEQA) Guidelines and meeting the BAAQMD expectations for a Qualified GHG Reduction Strategy.

The CAP is intended to achieve the City’s fair share of statewide emissions reductions by the year 2020 consistent with AB 32, the Global Warming Solutions Act. It specifies the strategies and measures to be taken for a number of topic areas (energy and conservation, renewable energy, parking and land use management, waste reduction, recycling & composting, water and wastewater, etc.) citywide to achieve the overall emission reduction target, and reflect a diverse mix of regulatory and incentive-based programs for both new and existing development.

CEQA clearance for all discretionary development proposals are required to address the consistency of individual projects with reduction measures in the CAP and goals and policies in the General Plan designed to reduce GHG emissions. Compliance with appropriate measures in the CAP would ensure an individual project’s consistency with the adopted GHG reduction plan. Projects that are consistent with the CAP would have a less than significant impact related to GHG emissions.

**City of Santa Rosa General Plan 2035**

The CAP and the Santa Rosa General Plan 2035 (General Plan) work in conjunction to facilitate GHG emissions reductions. Measures, policies and projects that reduce community-wide GHGs presented in the CAP are aligned with the goals and policies in the General Plan. In addition, the General Plan provides the basis for analyzing proposed development to determine consistency with the CAP goals and measures. The measures presented in the CAP are referenced generally throughout the General Plan, although the following policy contained in the General Plan explicitly references the CAP:
Policy OSC-M-1  Meet local, regional and state targets for reduction of greenhouse gas emissions through implementation of the Climate Action Plan.

4.7.3  Impact Discussion

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Greenhouse gas emissions worldwide contribute, on a cumulative basis, to the significant adverse environmental impacts of global climate change. No single land use project could generate sufficient GHG emissions on its own to noticeably change the global average temperature. The combination of GHG emissions from past, present, and future projects in Santa Rosa, the entire state of California, and across the nation and around the world, contribute cumulatively to the phenomenon of global climate change and its associated environmental impacts.

Per the CEQA Guidelines Section 15064 (b), a Lead Agency may analyze and mitigate significant GHG emissions in a plan for the reduction of GHG emissions that has been adopted in a public process following environmental review. The City of Santa Rosa adopted its CAP (a GHG reduction strategy) in 2012 which is in conformance with its most recent General Plan Update. The City’s projected emissions and the CAP are consistent with measures necessary to meet statewide 2020 goals established by AB 32 and addressed in the Climate Change Scoping Plan. The threshold of significance for whether a development project in the City of Santa Rosa would generate GHG emissions that would have a significant impact on the environment, therefore, would be whether or not the project conforms to the applicable reduction measures the City’s CAP.

Greenhouse gas emissions from the proposed project would include emissions from construction and operation of the project. The GHG emissions from the project would include:

- Construction emissions;
- Emission from the manufacture and transport of building materials;
- Mobile emissions (e.g., emissions from combustion of fossil fuels for vehicle trips to and from the site); and
- Emissions from the generation of electricity to operate lighting on the site.

Operational Greenhouse Gas Emissions

The project consists of a community park that includes paved parking areas, restrooms/hydration stations, a nature center, picnic areas, sports court, a multi-use turf area, and a network of interconnected trails with interpretive signage and fitness stations.

The proposed project would implement the following Green Building measures to reduce GHG emissions:

- Reduce light pollution through project design;
- Include low-flow water fixtures to reduce potable water use, and
- Use water efficient landscaping and reclaimed water for irrigation, where feasible.
The proposed park site acreage is substantially below the 600-acre BAAQMD threshold for potentially significant GHG emissions in 2020. Assuming that threshold is further reduced by 40 percent to meet the SB 32 emissions reduction requirements in 2030, a park of 360 acres may potentially result in significant GHG emissions. The proposed 19.49-acre park, most of which would remain undeveloped, is substantially below the size of a City park with potentially significant GHG emissions and, therefore, the GHG emissions of the proposed project would be less than significant. *(Less Than Significant Impact)*

**Construction Greenhouse Gas Emissions**

GHG emissions would occur during grading of the site and construction of the project. Construction of the project would involve emissions associated with equipment, vehicles, and manufacturing materials used to construct the project.

The project site currently contains only a few buildings and structures and would, therefore, generate minimal demolition and construction waste. Nevertheless, waste generated from demolition and construction would be salvaged and recycled to the extent practical to reduce waste going to the landfill. Project construction and demolition would have a minimum waste diversion rate of 50 percent, consistent with the Sonoma County Waste Management Agency’s construction and demolition debris diversion program requirements.

The project site is an infill site located in an urbanized location near construction supply and equipment companies, which would help to minimize GHG emissions generated by transport of construction materials and waste associated with the project.

Neither the City of Santa Rosa nor BAAQMD have quantified thresholds for construction activities. Given that the project is in an urban setting close to companies that provide construction supplies and equipment, discarded materials would be salvaged or recycled, and the project would implement the best management practices outlined in Section 4.3 Air Quality, construction of the project would not contribute substantially to local or regional GHG emissions. *(Less Than Significant Impact)*

**b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?**

**Climate Action Plan**

As described previously, the City of Santa Rosa Climate Action Plan was adopted in June 2012. The CAP identifies a series of GHG emissions reduction measures that would allow the City to achieve its GHG reduction goals. The measures center around nine topic areas:

- Energy Efficiency and Conservation;
- Renewable Energy;
- Parking and Land Use Management
- Improved Transport Options
- Optimized Vehicular Travel
Of these nine topic areas, three are applicable to development projects such as the proposed community park. The project’s conformance with applicable reduction measures are discussed below.

**Energy Efficiency and Conservation**

*Measure 1.1: CALGreen Requirements for New Construction*

Measure 1.1 calls for the continued enforcement and requirement of new development to meet Tier 1 CALGreen requirements, as amended, for new non-residential development. The proposed project would conform to these requirements for the proposed restroom/hydration station and nature center buildings.

*Measure 1.4: Tree Planting and Urban Forestry*

Measure 1.4 requires the planting and maintenance of trees on private property, streets and open space areas. This is applicable to the proposed community park, which will include the planting of new trees.

*Measure 1.5: Cool Roofs and Pavements*

Measure 1.5 requires new sidewalks, crosswalks, and parking lots to be made of cool paving materials with a high solar reflectivity. The project includes the construction of paved parking lots that will conform to this requirement.

**Parking and Land Use Management**

*Measure 3.2: Diversity and Destination Accessibility*

Measure 3.2 recommends planning for a variety of complimentary land uses within walking distance of each other, such as housing, neighborhood-serving retail, and recreational facilities, to decrease the need for vehicular travel. The project, which proposes the development of a community park, is consistent with this measure. The future park is intended to serve the surrounding community, and provides pedestrian links between adjacent neighborhoods as well as recreational facilities.
Water and Wastewater

Measure 7.1: Water Conservation

Measure 7.1 seeks to continue to require and incentivize water conservation. The project is consistent with this measure in that it will incorporate water-efficient landscaping and irrigation equipment.

The project is consistent with the CAP and would not preclude the City from reaching its GHG emissions reduction goals. **(Less Than Significant Impact)**

4.7.4 Conclusion

Construction activities would have a less than significant short-term GHG impact. **(Less Than Significant Impact)**

The design of the project and implementation of the green building measures would ensure conformance to the CAP and reduce operational GHG emissions to a less than significant level. **(Less Than Significant Impact)**
4.8 HAZARDS AND HAZARDOUS MATERIALS

The following discussion is based in part on Phase I Environmental Site Assessments (ESAs) of the site prepared by Econ, Harris & Lee Environmental Services, LLC, and EBA Engineering, as well as on a Limited Phase II Environmental Site Assessment prepared by ATC. The Harris & Lee report was completed in 2010 and covered the two northernmost of the four parcels that constitute the project site. The Econ report, also completed in 2010, covered the southernmost parcel, and the EBA report, prepared in March 2018 covered the privately owned and occupied parcel in the middle of the site. A Limited Phase II ESA for the site was completed in October 2018. Copies of these reports are included in Appendix C of this Initial Study.

4.8.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?</td>
<td>☐</td>
<td>☐</td>
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<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?</td>
<td>☐</td>
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<td>☒</td>
<td>☐</td>
<td>13,14,15, 16</td>
</tr>
<tr>
<td>c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>13,14,15, 16</td>
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<tr>
<td>d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, will it create a significant hazard to the public or the environment?</td>
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<td>☐</td>
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<td>13,14,15, 16</td>
</tr>
<tr>
<td>e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, will the project result in a safety hazard for people residing or working in the project site?</td>
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<tr>
<td>f) For a project within the vicinity of a private airstrip, will the project result in a safety hazard for people residing or working in the project site?</td>
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Would the project:

g) Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?

h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

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4.8.2   Existing Setting

4.8.2.1   Existing and Historic Uses

1027 McMinn Avenue and 1360 Burbank Avenue

The northerly parcels of the project site (APNs 125-252-002 and -004) is located in an area of Santa Rosa that is mainly residential with some vacant properties that are largely unused, though seem to have been actively farmed in past decades. The property appears to have been used for low impact agricultural uses in the form of orchards, farming, poultry and rural residential. Most of the surrounding residential development occurred during the 1940’s and 1950’s, but residential development has continued since. The subject site is among the largest properties in the area. The northeast section of the site contains one residential building and one small shed at the northeast corner. The remainder of the property is undeveloped and covered by annual grasses and trees. There are currently no agricultural uses on the site, although several old remnant walnut trees are scattered throughout the northern portion of the site. The parcel adjacent to the south has been taken over by a forest of young oak trees and brush.

1370 Burbank Avenue

The portion of the project site, addressed as 1370 Burbank Avenue (APN 125-252-003) consists of a single parcel of developed residential property containing two single-family dwellings, a mobile home trailer and several associated outbuildings. At the time of the field reconnaissance, the property was occupied by several tenants. The first single-family dwelling is located on the western side of the project site and consists of a single-story, wood-framed structure that has a concrete perimeter foundation. At the time of the property inspection the dwelling was reported to be occupied and the condition of the dwelling was observed to be fair. A domestic water well is located to the east of the dwelling and was reported to be used to supply potable water at the project site. The second dwelling is located to the east of the domestic water supply well. The second dwelling also consists of a single-story, wood-framed structure that has an attached garage and slab on grade foundation. At the time of the property inspection the dwelling was reported to be occupied by a
tenant. The condition of the dwelling was observed to be fair. A concrete slab on grade foundation is located to the northeast of the eastern dwelling. It was reported that the slab was the previous location of a carport that was recently removed by the owner of the property as an unpermitted structure. At the time of the property inspection the slab foundations remained at the site. In addition to the two single-family dwellings on the site, a mobile home trailer is located to the east of the concrete slab. The trailer appears to consist of several structures that have been joined together. At the time of the property inspection, a portion of the western side of the trailer appeared to be been partially removed. The trailer appeared to be occupied by a tenant. The condition of the structure appeared to be poor.

A small greenhouse and bathroom structure are located to the south of the mobile home trailer. The greenhouse appeared to be used for the storage of household items. A septic system appears to be located on the western side of the bathroom structure. The use and condition of the septic system is unknown. A pump house is located to the east of the greenhouse. The pump house appears to be a remnant of a water tower structure and consists of a wood framed structure with a slab on grade foundation. A second domestic water supply well is located within the pump house that also includes a water pressure tank and pump controls. The well appeared to be in use but did not contain a sealed top. A water storage tank is located on the west side of the pump house structure that appears to be used for the storage of water.

A mound septic system is located on the eastern side of the parcel. A portion of Roseland Creek runs through the eastern side and adjacent to the southern border of the parcel. The creek bottom is lined with concrete. The remainder of the project site consists of grassland and limited landscaping, with several brush and minor debris piles present on the eastern side of the parcel, and gravel driveways.

1400 Burbank Avenue

The southernmost parcel, addressed as 1400 Burbank Avenue (APN125-331-001), consists of three distinct areas: the riparian zone; the residential area; and the pasture area. At the time of the site visit, only the residential area of the parcel, which contained a house, a barn, and gravel driveways was in use. The parcel was once used as an orchard, according to aerial photographs taken in 1953 and 1965 and topographic maps published in 1954 and 1968. The orchard occupied the pasture area between the existing barn and the eastern site boundary. The wide spacing and large canopy size suggests that the orchard trees were walnuts. Between 1965 and the present day, the parcel appears to have been used only as a residence and storage yard.

4.8.2.2 On-Site Sources of Contamination

The project site is not identified in regulatory agency records or databases as having issues of environmental concern. Inspection of the property revealed no hazardous materials or wastes were observed or soil staining to indicate a release. There is no indication of the current or historic use of underground or aboveground fuel storage tanks at the project site. Residential structures on the site are known to have been constructed since the 1930s. The project site was also formerly used as orchards.
Groundwater Contamination

The project site is located within an area that has been shown to have domestic water supply wells that have been impacted by releases of halogenated volatile organic compounds (HVOCs) from historical business operation located to the north of the project site on the Sebastopol Road corridor. Contaminants consisting of volatile organic compounds were determined to be present in a number of water supply wells in the greater area to the north of the project site. There is documentation that the domestic water supply wells at the 1370 Burbank Avenue site were sampled as part of the area-wide investigation of environmental contaminants from releases at properties located along the Sebastopol Road corridor. Sampling of the domestic water supply wells indicated the presence of 1,2 Dichloroethane at concentrations of 1.0 and 1.4 ug/L. Subsequent sampling of the wells did not indicate the presence of these compounds. It appears that no long-term sampling of the wells has occurred and it appears that the wells are still in active use at the project site. The current condition of the wells is unknown; however, the prior concentrations of dichloroethane is a recognized environmental condition.

Groundwater samples collected from the domestic well at 1400 Burbank Avenue in 2010 did not contain detectable concentrations of petroleum hydrocarbons or Halogenated Volatile Organic Compounds (HVOCs).

Other Sources of Contamination

A refuse dump at 1400 Burbank Avenue on the northwest side of Roseland Creek and north of the existing house contained glass containers and household debris including some automotive parts. No evidence of recent dumping was noted; however, the refuse dump was determined to be a potential source of hazardous substances.

4.8.2.3 Off-Site Sources of Contamination

Neighboring Properties

An Environmental Data Resources, Inc. (EDR) search of public agency records at the federal, state, and local levels for cases which could impact the site, including SLIC and Envirostor was completed. The results are provided below.

SLIC

This database is considered a California State ASTM supplemental database. SLIC stands for Spills, Leaks, Investigations and Cleanups database. The SLIC program is designed to protect and restore water quality from spills, leaks, and similar discharges. The SLIC program has several components at the North Coast Regional Water Quality Control Board: (1) complaint response, (2) non-permitted discharge investigations, (3) site cleanups under the oversight of the Water Board, (4) site cleanups pursuant to methods analogous to procedures in the Resource Conservation and Recovery Act, and (5) cleanups performed by redevelopment agencies. In some cases, the Regional Water Board oversight costs are recovered from responsible parties.
A review of the SLIC list, as provided by EDR, revealed that there are 19 SLIC site within approximately 0.5 mile of the project site.

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. A review of the Envirostor list, as provided by EDR, and dated 06/16/2010, reveals that there are 17 Envirostor sites within approximately one mile of the property. The Leaking Underground Storage Tank (LUST) Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data originates from the State Water Resources Control Board Leaking Underground Storage Tank Information System. A review of the LUST list as provided by EDR revealed there are 34 LUST sites within approximately 0.5 mile of the property, ten of which are open or unresolved at that time.

4.8.2.4 Other Hazards

Airports

The Charles M. Schulz-Sonoma County Airport is located approximately 10 miles northwest of the project site. The project site is not within the Airport Influence Area (AIA) for the Sonoma County Airport.

Wildland Fire Hazards

According to the California Department of Forestry and Fire Protection (CAL FIRE) Fire Hazard Severity Zone Map, the project site is not located in a fire hazard zone or the Wildland Urban Interface.

4.8.2.5 Applicable Plans, Policies, and Regulations

Resources Conservation and Recovery Act

The Resource Conservation and Recovery Act (RCRA), initially authorized in 1976, gives the U.S. EPA the authority to control hazardous waste from “cradle-to-grave.” This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled the U.S. EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Department of Toxic Substances Control

The California Department of Toxic Substances Control (DTSC) regulates hazardous waste, remediation of existing contamination, and evaluates procedures to reduce the hazardous waste produced in California. DTSC regulates hazardous waste in California primarily under the authority
Government Code §65962.5 (Cortese List)

Section 65962.5 of the Government Code requires the California Environmental Protection Agency (Cal EPA) to develop and update (at least annually) a list of hazardous waste and substances sites, known as the Cortese List. The Cortese List is used by the State, local agencies, and developers to comply with CEQA requirements. The Cortese List includes hazardous substance release sites identified by the Department of Toxic Substances Control (DTSC), State Water Resources Control Board (SWRCB), and the Department of Resources Recycling and Recovery (CalRecycle).

Based on a regulatory records search, the project site is not included on the hazardous materials sites list compiled per Government Code (Section 65962.5).

4.8.3 Impact Discussion

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

The proposed project is a community park consisting of grassland, oak woodland and riparian habitats, with amenities such as trails, BBQ/picnic areas, community gardens, outdoor play areas, a nature center, restrooms and paved parking areas. There will be minimal transport, use and disposal of hazardous materials on the site. Chemicals used on the site would include typical landscape maintenance and cleaning products, with minimal storage of these materials on-site. (Less Than Significant Impact)

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Several Phase I Environmental Site Assessments (ESAs) have been prepared for different parcels on the project site over the last few years. The project site is not identified in any of the regulatory agency records or database research contained in these reports as having issues of environmental concern. At the time of the property inspections no hazardous materials or wastes were observed or soil staining to indicate a release. There is no indication of the current or historic use of underground or aboveground fuel storage tanks at the project site.

There are, however, a number of identified sites in the greater surrounding area of the project site that have documented releases of contaminants to soil and groundwater. Many of these sites have been fully investigated and closed with regulatory agency oversight and direction. There are still active investigation and remedial activities at several of the identified properties. All of these sites are located a significant distance from the project site and there is no indication that contamination from
these properties impacts the project site. Based on a review of available information regarding the project site and properties in the surrounding area the threat of vapor intrusion at the project site is seen as unlikely.

Lead-Based Paint and Asbestos-Containing Materials

Reported concentrations of lead exceeding the ESL were detected in two samples collected adjacent to existing structures at the site. These elevated lead concentrations are most likely the result of lead-based paint debris falling from these structures. The soil impacted with elevated lead concentrations is expected to be confined to the top one foot of soil in the vicinity of the structures.

Given the age of the existing structures, they are likely to contain asbestos. Construction workers could be exposed to asbestos-containing materials (ACMs) in addition to lead-based paint. An asbestos survey would be required by local authorities in accordance with National Emissions Standards for Hazardous Air Pollutants (NESHAP) guidelines and Occupational Safety and Health Administration (OSHA) regulations. Demolition of the existing structures on-site could expose construction workers and nearby building occupants to harmful levels of lead or asbestos.

Impact HAZ-1: Demolition of the existing buildings on the project site could potentially expose construction workers and nearby building occupants to harmful levels of asbestos or lead. (Significant Impact)

Mitigation and Avoidance Measures: Implementation of the following mitigation measures will reduce potential lead contamination and asbestos impacts to less than significant levels.

MM HAZ-1.1: In conformance with state and local laws, a visual inspection/pre-demolition survey shall be conducted prior to the demolition of on-site buildings to determine the presence or absence of asbestos-containing materials and/or lead-based paint.

During demolition activities, all building materials containing lead-based paint shall be removed in accordance with Cal/OSHA Lead in Construction Standard, Title 8, California Code Regulations 1532.1, including employee training, employee air monitoring, and dust control. Any debris or soil containing lead-based paint or coatings would be disposed of at landfills that meet acceptance criteria for the waste being disposed.

All potentially friable ACMs shall be removed in accordance with NESHAP guidelines prior to building demolition or renovation that may disturb the materials. All demolition activities shall be undertaken in accordance with Cal/OSHA standards contained in Title 8 of CCR, Section 1529, to protect workers from asbestos exposure.

A registered asbestos abatement contractor shall be retained to remove and dispose of ACMs identified in the asbestos survey performed for the site in conformance with the standards stated above.
Materials containing more than one percent asbestos are also subject to BAAQMD regulations. Removal of materials containing more than one percent asbestos shall be completed in accordance with BAAQMD requirements and notifications. (Less Than Significant with Mitigation Incorporated)

Soil Sampling

A refuse dump on the northwest side of Roseland Creek and north of the existing house at 1400 Burbank Avenue presents a material threat of a potential release of hazardous substances. In order to determine whether there was any contamination resulting from the refuse dump, and also because the property was formerly used for agricultural purposes, a limited Phase II Environmental Site Assessment was conducted on the property by ATC. A copy of the Phase II report is included in Appendix C.

Soil samples were collected from the northern and southern portions of the project site, and tested for pesticides, lead and arsenic. However, the area of the reported refuse dump was inaccessible due to vegetation overgrowth at the time of the sampling (June 2018) and no soil samples were collected from this location. For this reason, the testing excluded hazardous substances and petroleum products.

The testing results showed detections were reported for pesticides, lead and arsenic. ATC compared detections of the analytes to SWRCB Region 2 Tier II Environmental Screening Levels (ESLs). Table S-1 Direct Exposure Human Health Risk Levels; Residential, Shallow Soil Exposure). The following are the constituents detected and their applicable ESLs:

- Chlordane – Max Conc. 0.061 mg/kg; ESL 0.48 mg/kg (no exceedances)
- 4,4’-DDD – Max Conc. 0.020 mg/kg; ESL 2.7 mg/kg (no exceedances)
- 4,4’-DDE – Max Conc. 0.021 mg/kg; ESL 1.9 mg/kg (no exceedances)
- 4,4’-DDT – Max Conc. 0.048 mg/kg; ESL 1.9 mg/kg (no exceedances)
- Dieldrin – Max Conc. 0.013 mg/kg; ESL 0.038 mg/kg (no exceedances)
- Lead – Max Conc. 120 mg/kg; ESL 80 mg/kg (2 exceedances)
- Arsenic – Max Conc. 5.2 mg/kg; ESL 0.067 mg/kg (all analyses exceeded)

The samples collected from former orchard areas were considered to be representative of site. Based on the absence of ESL exceedances for pesticides No elevated concentrations of pesticides were found in site soils. Additionally, although all samples exceeded the arsenic ESL, it is well documented that concentrations of this magnitude are within typical background concentrations for Northern California. Therefore, no additional action is required with respect to arsenic concentrations.

Impact HAZ-2: A reported refuse dump on the northwest side of Roseland Creek containing glass containers and household debris including automobile parts could present a material threat of a potential release of hazardous substances. (Significant Impact)
**Mitigation Measures:** Implementation of the following mitigation measures will reduce potential hazardous materials impacts to less than significant levels.

**MM HAZ-2.1:** Soil sampling and analytical testing shall be performed on that portion of the site identified as the “refuse dump” in the report entitled Phase I Environmental Site Assessment, Roseland Creek Community Park, 1400 Burbank Avenue, APN 125-331-001, Santa Rosa, California, prepared by Econ, dated February 19, 2010. If hazardous materials are detected at levels that exceed regulatory thresholds, the extent of the contamination shall be identified, and recommendations for a Health and Safety Plan (HSP), Soil Management Plan (SMP), and methods for a cleanup shall be implemented, as applicable. This work shall be performed under the oversight of a regulatory agency such as the Sonoma County Department of Environmental Health and Safety or the Department of Toxic Substances Control. *(Less Than Significant with Mitigation Incorporated)*

c) **Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?**

Roseland Creek Elementary School is across Burbank Avenue from the project site. Future park users would not use hazardous wastes on-site, which would therefore not impact the school. Implementation of the proposed project would therefore not result in the use or emission of significant quantities of hazardous materials that would have an impact on Roseland Creek Elementary School. *(Less Than Significant Impact)*

d) **Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, will it create a significant hazard to the public or the environment?**

As discussed above, the project site is not identified in any regulatory agency records or databases as having issues of environmental concern. Most of the off-site sources of contamination listed in the SLIC and Envirostor databases are not considered a likely environmental risk to the subject property due to one or more of the following factors: status of case, distance from the property, groundwater flow relative to the property or definition of contaminant plume. Most of the sites identified are cross gradient or not directly up gradient from the site.

The remaining sites with potential for environmental impact to the project site are discussed below. For ease of discussion these should be divided into, first, those many sites along Sebastopol Road and, second, the McMinn Avenue Superfund Area which is discussed as a whole.

**Sebastopol Road Sites**

There are approximately 50 closed and active sites of past contamination of soil, water, or groundwater along Sebastopol Road between 8 Sebastopol Road in the east and the intersection with Stony Point Road in the west (2000 Sebastopol Road). These are a diverse group of sites with different contaminants of concern, different probable directions of groundwater flow, different
owners, different age and clean-up status, etc. Many have completed the required remediation, while
the scope of contamination has not been defined for others. Many others are far enough from the
project site to be outside of the reporting requirements for this report. In spite of this diversity, the
following important generalizations apply.

- All of the sites are at least ¼ mile from the project site.
- All of the sites are within 100 to 200 feet of Sebastopol Road and no sites are mapped
  between this cluster of contamination and the project site.
- The sites are approximately midway between Roseland Creek and Santa Rosa Creek. Groundwater
  is often higher than the water level in these creeks. Therefore groundwater flow may, for some of the
  year, be diverted to the nearer of these creeks. Many sites along the east end of Sebastopol Road are
closer to Santa Rosa Creek. This may have a significant effect on the groundwater flow direction which
may commonly be west and northwest in that area. This being the case, the eastern sites are actually
strongly cross-gradient relative to the project site instead of up-gradient.
- The sites along the western portion of Sebastopol Road are located due north or northwest
  and are therefore reasonably classified as strongly cross-gradient relative to the project site.
- Undetermined sources of past contamination in the area are generally suspected.

Based on these factors, it is unlikely that any of the sites listed along Sebastopol Road can be
classified as an REC relative to the project site.

**McMinn Avenue State Superfund Area**

The McMinn Avenue Superfund area represents an area of study extending from Highway 101 on the
east to Stony Point Road on the west, and Highway 12 on the north to Roseland Creek on the south.
This area was designated as a Superfund site by the California Department of Toxic Substances Control in
1984 after petroleum and solvent contaminants were detected in several domestic water supply wells in
the area. A variety of investigations have been conducted in this area since the listing as a Superfund
site in 1984. These investigations include domestic well sampling events, monitoring well
sampling events, soil gas and indoor air surveys and contamination source identification. Many sites
within the McMinn Avenue Superfund Area are undergoing investigation and cleanup activities under
the direction of the North Coast Regional Water Quality Control Board, and several of these sites have
been issued closure notices that require no further action. Investigation is on-going at the remaining
sites.

A majority of the sites located within the McMinn Avenue Superfund area are located approximately
0.75 miles northeast to northwest of the project site on the Sebastopol Avenue corridor. Groundwater
in the Superfund area has been calculated to flow generally in a southwesterly direction. From a
review of available information there is no indication that the impacts from the McMinn Avenue
Superfund area have impacted the project site.

The project site is not identified in any regulatory agency records or databases as having issues of
environmental concern, and most of the off-site sources of contamination listed in the SLIC and
Envirostor databases are not considered a likely environmental risk to the subject property. *(Less Than Significant Impact)*

e) **Result in a nearby airport-related safety hazard for people residing or working in the project site?**

The proposed project site is approximately 10 miles southeast of the Charles M. Schulz-Sonoma County Airport and is not located within the Airport Influence Area (AIA). The project would, therefore, not result in any airport-related safety hazards to people working or residing on the project site. *(No Impact)*

f) **Result in a private airstrip-related safety hazard for people residing or working in the project site?**

The project site is not located in the vicinity of a private airstrip. Therefore, private airstrip uses would not be a hazard to people working or residing on the project site. *(No Impact)*

g) **Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?**

The project would not interfere with an adopted emergency response plan or emergency evacuation plan. The park would provide access for emergency vehicles via Burbank Avenue. *(No Impact)*

h) **Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?**

The project site is not located in a fire hazard zone or the Wildland Urban Interface. Therefore, the risk of loss, injury or death involving wildland fires would be less than significant. *(Less Than Significant Impact)*

### 4.8.4 Conclusion

The implementation of the mitigation measures, MM HAZ-1.1 and MM HAZ-2.1, described above would reduce potential hazardous materials exposure impacts to construction workers during demolition and construction activities, as well as the surrounding community to less than significant levels. *(Less Than Significant With Mitigation Incorporated)*

While there have historically been contamination sites within close proximity of the project site, a review of available environmental information and records show there is no indication that soil or groundwater contamination from offsite sources in the area have impacted the project site. *(Less Than Significant Impact)*
### HYDROLOGY AND WATER QUALITY

#### 4.9.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Violate any water quality standards or waste discharge requirements?</td>
<td></td>
<td></td>
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<td>1</td>
</tr>
<tr>
<td>b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there will be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells will drop to a level which will not support existing land uses or planned uses for which permits have been granted)?</td>
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<td>1,13, 14,15,16</td>
</tr>
<tr>
<td>c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which will result in substantial erosion or siltation on-or off-site?</td>
<td></td>
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<td>1</td>
</tr>
<tr>
<td>d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which will result in flooding on-or off-site?</td>
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<td>1</td>
</tr>
<tr>
<td>e) Create or contribute runoff water which will exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?</td>
<td></td>
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<td>1</td>
</tr>
<tr>
<td>f) Otherwise substantially degrade water quality?</td>
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<td>1,13, 14,15,16</td>
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<tr>
<td>g) Place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?</td>
<td></td>
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<td>1</td>
</tr>
<tr>
<td>h) Place within a 100-year flood hazard area structures which will impede or redirect flood flows?</td>
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<td>1</td>
</tr>
<tr>
<td>i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?</td>
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<td></td>
<td>1</td>
</tr>
</tbody>
</table>
Would the project:

j) Inundation by seiche, tsunami, or mudflow? ☒ ☐ ☒ ☐

4.9.2 Existing Setting

4.9.2.1 Applicable Plans, Policies, and Regulations

Federal and State Laws and Regulations

The 1972 Federal Water Pollution Control Act (Clean Water Act) and California’s Porter-Cologne Water Quality Control Act are the primary laws related to water quality. Regulations set forth by the U.S. Environmental Protection Agency (EPA) and the State Water Resources Control Board have been developed to fulfill the requirements of this legislation. EPA’s regulations include the National Pollutant Discharge Elimination System (NPDES) permit program, which controls sources that discharge pollutants into waters of the United States (e.g., streams, lakes, bays, etc.). These regulations are implemented at the regional level by water quality control boards, which for the Santa Rosa area is the North Coast Regional Water Quality Control Board (RWQCB).7 The RWQCB is also tasked with preparation and revision of a regional Water Quality Control Plan, also known as the Basin Plan. The Basin Plan identifies beneficial uses, which the Regional Board has specifically designated for local aquifers, streams, marshes, rivers, and the Bay, as well as the water quality objectives, and criteria that must be met to protect these uses. The RWQCB implements the Basin Plan by issuing and enforcing waste discharge requirements to control water quality and protect beneficial uses.

Under Section 303(d) of the Clean Water Act, states are required to identify impaired surface water bodies and develop total maximum daily loads (TMDLs) for contaminants of concern.8 The TMDL is the quantity of pollutant that can be safely assimilated by a water body without violating water quality standards. Listing of a water body as impaired does not necessarily suggest that the water body cannot support the beneficial uses; rather, the intent is to identify the water body as requiring future development of a TMDL to maintain water quality and reduce the potential for future water quality degradation. The Russian River watershed in the vicinity of the project site is listed by the U.S. Environmental Protection Agency as an impaired water body.

NPDES General Permit for Construction Activity

The State Water Resources Control Board (State Water Board) has implemented an NPDES General Construction Permit for the State of California. Dischargers whose projects disturb one (1) or more

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7 Historically, efforts to prevent water pollution focused on “point” sources, meaning the source of the discharge was from a single location (e.g., a sewage treatment plant, power plant, factory, etc.). More recent efforts are focusing on pollution caused by “non-point” sources, meaning the discharge comes from multiple locations. The best example of this latter category is urban stormwater runoff, the source of which is a myriad of impervious surfaces (e.g., highways, rooftops, parking lots, etc.) that are found in a typical city or town.

acres of soil or whose projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit – Order 2009-0009-DWQ). Construction activity subject to this permit includes clearing, grading, and ground disturbances such as stockpiling or excavation. In order to obtain coverage under the Construction General Permit, a Notice of Intent (NOI) must be filed with the RWQCB, and Storm Water Pollution Prevention Plan (SWPPP) must be developed by a certified Qualified SWPPP Developer (QSD) prior to commencement of construction.9

Once grading begins, the SWPPP must be kept on-site and updated as needed while construction progresses. The SWPPP details the site-specific Best Management Practices (BMPs) to control erosion and sedimentation and maintain water quality during the construction phase. The SWPPP also contains a summary of the structural and non-structural BMPs to be implemented during the post-construction period, pursuant to the stormwater control practices and procedures encouraged by the City of Santa Rosa and the RWQCB.

**Municipal Stormwater Permitting Program**

Stormwater discharges in California are regulated through federal NPDES permits. The RWQCB’s Municipal Storm Water Permitting Program regulates stormwater discharges from municipal separate storm sewer systems (MS4s). Pursuant to the Clean Water Act, section 402(p), stormwater permits are required for discharges from an MS4 serving a population of 100,000 or more. The Municipal Storm Water Program manages the Phase I Permit Program (serving municipalities over 100,000 people), the Phase II Permit Program (for municipalities less than 100,000), and the Statewide Storm Water Permit for the State of California Department of Transportation. The State Water Board and Regional Water Quality Control Boards implement and enforce the Municipal Storm Water Program.

**Phase I Program**

There is one Phase I MS4 permit in the North Coast Region, **Order No. R1-2015-0030**. This permit regulates the discharge of pollutants from the City of Santa Rosa, as well as portions of unincorporated County of Sonoma, Sonoma County Water Agency, the City of Cotati, the City of Cloverdale, the City of Healdsburg, the City of Rohnert Park, the City of Sebastopol, the City of Ukiah, and the Town of Windsor.

The Phase 1 MS4 permit (Permit) mandates that the co-permittees use their planning and development review authority to require that stormwater post-construction Best Management Practices (BMPs) be included in private and public new and redevelopment projects that create or replace 10,000 square feet or more of impervious surface.

The Permit requires regulated projects to incorporate Low Impact Development (LID) practices, which are intended to reduce runoff and mimic a site’s predevelopment hydrology by minimizing

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disturbed areas and impervious cover and then infiltrating, storing, detaining, evapotranspiring, and/or biotreating stormwater runoff close to its source. LID employs principles such as preserving and recreating natural landscape features and minimizing imperviousness to create functional and appealing site drainage that treats stormwater as a resource, rather than a waste product. Practices used to adhere to these LID principles include measures such as rain barrels and cisterns, green roofs, permeable pavement, preserving undeveloped open space, and biotreatment through rain gardens, bioretention units, bioswales, and planter/tree boxes. The Permit also requires that stormwater treatment measures are properly installed, operated and maintained.

Hydromodification is a change in stormwater runoff characteristics from a watershed caused by changes in land use conditions (i.e., urbanization) that alter the natural cycling of water. Changes in land use conditions can cause runoff volumes and velocity to increase which can result in a decrease in natural vegetation, changing of river/creek bank grades, soil compaction, and the creation of new drainages. In addition to runoff water quality controls, the Permit requires regulated projects to include measures to control hydromodification impacts where the project would otherwise cause increased erosion, silt pollutant generation, or other adverse impacts to local rivers and creeks.

Non-Storm Water Best Management Practices (BMP) Plans

Each Co-Permittee, including Santa Rosa, has developed a draft Non-Storm Water BMP Plan (BMP Plan) to eliminate or minimize the discharge of pollutants to the MS4 related to select types of discharges. The discharges are allowable non-storm water discharges, provided they meet all required conditions in the MS4 Order, are not a significant source of pollutants, and are conducted as specified in the Co-Permittee’s approved BMP Plan.10

4.9.2.2 Groundwater

The project site is located within the Santa Rosa Plain Watershed (SRPW) boundary and further delineated by the California Department of Water Resources as the Santa Rosa Valley groundwater basin and the sub-basin of the Santa Rosa Plain.11 The groundwater storage unit has been identified as the Cotati Basin. Groundwater in the project area has been calculated to generally flow to the west to southwest, with the predominant flow direction of the Laguna de Santa Rosa. Depths to groundwater have been documented between five and 15 feet below the surface. It should be noted, however, that groundwater depths and flow direction have been demonstrated to be influenced by local topography and drainage courses, and that groundwater levels can vary seasonally. The principal source of recharge in the SRPW is from infiltration from streams within the watershed and direct infiltration from precipitation. Based on the surface topography and near site investigations, groundwater in the area of the project site is anticipated to flow to the south and west with the flow of Roseland Creek and towards the Laguna de Santa Rosa, a wetlands complex located approximately 5.5 miles southwest of the site.

4.9.2.3 **Existing Drainage Patterns**

Topography at the site is nearly flat with a very slight slope to the southwest. Roseland Creek, an intermittent stream that is a tributary of the Laguna de Santa Rosa runs through the site from the northeast to the southwest. The upper reach of the creek, where the creek enters the project site, is approximately eight feet wide and has a concrete slab bed for approximately 400 linear feet. The lower reach (western portion) of the stream has a more natural channel composed of rock and cobble mixed with sands and silts, and contains a backflow channel which supports a riparian wetland near Burbank Avenue at the western edge of the site. The channel had flowing water in it during the May 2017 site visit by *WRA*.

**Wetlands and Waters of the U.S.**

The project site contains 0.09 acre of riparian wetlands in-line and directly adjacent to Roseland Creek. The riparian wetland is located in the downstream portion of Roseland Creek, adjacent to Burbank Avenue where the stream flows off of the site through a box culvert underneath Burbank Avenue. The culvert appears to be functioning as a sediment trap which backs up stream flows enough to cause wetland conditions below the OHWM, in-line with the stream. Standing water and wetland vegetation was also observed in an approximately nine-foot wide backflow, scour channel on the north side of the main creek channel. The approximately 0.35-acre segment of Roseland Creek within the project site is classified as an intermittent stream. Areas mapped as intermittent stream and riparian wetland are likely considered jurisdictional under Section 404 of the Clean Water Act and Section 1602 of the California Fish and Game Code.

4.9.2.4 **Flooding**

**National Flood Insurance Program**

Under the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973, the Federal Emergency Management Agency (FEMA) administers the National Flood Insurance Program (NFIP) to provide subsidized flood insurance to communities that comply with FEMA regulations limiting development in floodplains. As part of the NFIP, FEMA publishes Flood Insurance Rate Maps that identify flood hazard zones within a community.

Based on the FEMA Flood Insurance Maps (Map 06097C0736F), portions of the project site are located within the 100-year flood plain (Zone AE – Special Flood Hazard Areas Subject to Inundation by the 1% Annual Chance Flood).\(^{12}\) The areas of the project site that are affected include the eastern half of the northerly two parcels, primarily north of Roseland Creek and the westerly end of 1400 Burbank Avenue on the north and south sides of Roseland Creek.

4.9.3 Impact Discussion

a) Violate any water quality standards or waste discharge requirements?

Stormwater runoff from impervious surfaces such as rooftops, paved streets or parking lots can carry with it pollutants such as oil, pesticides, herbicides, sediment, trash, nutrients, bacteria and metals. The runoff can then drain directly into a local stream, lake or bay. Urban areas commonly include large impervious cover which contributes to an increase in runoff flow, velocity and volume. As a result, streams are hydrologically impacted through streambed and channel scouring, instream sedimentation and loss of aquatic and riparian habitat. In addition to hydrological impacts, large amounts of impervious cover contribute to greater pollutant loading, resulting in turbid water, nutrient enrichment, bacterial contamination, and increased temperature and trash.

Construction Water Quality Impacts

Construction of the proposed park improvements would involve minor excavation and grading activities at the project site. These construction activities could degrade water quality in local creeks, Roseland Creek in particular, because stormwater runoff from the site drains into roadside swales along Burbank Avenue that discharge directly into Roseland Creek, southwest of the site. Construction activities would generate dust, sediment, litter, oil, paint, and other pollutants that could temporarily contaminate runoff from the site.

The following project-specific measures, based on RWQCB Best Management Practices (BMPs), have been included in the project to reduce construction-related water quality impacts. All measures will be implemented prior to the start of earthmoving activities on-site and will continue until the construction is complete.

- Burlap bags filled with drain rock or similar BMPs shall be installed around storm drains to route sediment and other debris away from the drains.
- Earthmoving or other dust-producing activities shall be suspended during periods of high winds.
- All exposed or disturbed soil surfaces shall be watered at least twice daily to control dust as necessary.
- Stockpiles of soil or other materials that can be blown by the wind shall be watered or covered.
- All trucks hauling soil, sand, and other loose materials shall be required to cover all trucks or maintain at least two feet of freeboard.
- All paved access roads, parking areas, staging areas and residential streets adjacent to the construction sites shall be swept daily (with water sweepers).
- Vegetation in disturbed areas shall be replanted as quickly as possible.
- All unpaved entrances to the site shall be filled with rock to knock mud from truck tires prior to entering City streets. A tire wash system may also be employed at the request of the City.
- Prior to construction grading for the proposed land uses, the project proponent will file an NOI to comply with the General Construction Permit and prepare a SWPPP which addresses
measures that would be included in the project to minimize and control construction and post-construction runoff. Measures will include, but are not limited to, the aforementioned RWQCB BMPs.

- The certified SWPPP will be posted at the project site and will be updated to reflect current site conditions.
- When construction is complete, a NOT for the General Permit for Construction will be filed with the RWQCB and the City of Santa Rosa. The NOT will document that all elements of the SWPPP have been executed, construction materials and waste have been properly disposed of, and a post-construction storm water management plan is in place as described in the SWPPP for the site.

**Post-Construction Water Quality Impacts**

Implementation of the proposed project would result in a slight increase in stormwater runoff due to an increase in impermeable surfaces compared to existing conditions. Runoff from the proposed rooftops, hardscape (sports court, picnic areas) and parking areas could carry fine sediment, grease, oil, and trace amounts of heavy metals into natural drainages and ultimately into the local creeks. Runoff from landscaping could carry pesticides, herbicides, and fertilizers, as well. Although the amounts of these pollutants ultimately discharged into the waterways are unknown, over time they could accumulate and be substantial.

The proposed project will add or replace more than 10,000 square feet of impervious surfaces, thus it must conform to the site design and treatment requirements of the Phase I MS4 Permit. Plans will be certified by engineers to ensure incorporation of appropriate and effective site design, source control, and Low Impact Development (LID) treatment controls to reduce post-construction runoff volumes and remove pollutants from runoff entering the storm drainage system. The project will be required to maintain all post-construction treatment control measures throughout the life of the project.

The following measures, based on RWQCB BMPs and City requirements, are included in the proposed project to ensure compliance with NPDES permit requirements to reduce post-construction water quality impacts.

**Required Post-Construction Measures**

- All post-construction Treatment Control Measures (TCMs) will be installed, operated, and maintained by qualified personnel. On-site inlets will be cleaned out at a minimum of once per year, prior to the wet season.
- The property owner/site manager will keep a maintenance and inspection schedule and record to ensure the TCMs continue to operate effectively for the life of the project. Copies of the schedule and record must be made available for inspection on-site or at the City’s Recreation and Parks Department.

With implementation of the required construction and post-construction BMPs and TCMs, the project would not violate any adopted water quality standards or waste discharge requirements.
Installation and maintenance of the proposed stormwater treatment systems would result in a less than significant impact on water quality.  **(Less Than Significant Impact)**

b)  **Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there will be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells will drop to a level which will not support existing land uses or planned uses for which permits have been granted)?**

The project site is not located within a designated groundwater recharge area. Implementation of the proposed community park project would not substantially increase the amount of impervious surface area on the site, or otherwise interfere with the infiltration of precipitation, nor would it interrupt surface or subsurface flow. Therefore, the project would not deplete or interfere with groundwater recharge.

There are two existing water wells located on the project site. Both will be abandoned and/or destroyed in conformance with Santa Rosa Water and RWQCB requirements, as they would not be proposed to be used for the project. As no new wells are proposed with the project, there would be no resulting reduction in groundwater supplies in the project area. **(Less Than Significant Impact)**

c)  **Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which will result in substantial erosion or siltation on-or off-site?**

The project does not propose substantial amounts of grading or alteration of existing natural contours or drainage courses on the site, and would therefore not alter the existing drainage pattern of the site or area. Potential erosion and/or siltation impacts to Roseland Creek and other off-site waterways would be reduced to less than significant levels by implementation of construction BMPs and installation and maintenance of post-construction site design, source control and treatment control measures. **(Less Than Significant Impact)**

d)  **Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which will result in flooding on-or off-site?**

The project does not propose substantial amounts of grading or alteration of existing natural contours or drainage courses on the site, and would therefore not alter the existing drainage pattern of the site or area. The project would only incrementally increase the amount of impervious surface area on the site, resulting in a very minor increase in stormwater runoff. This would not result in on- or off-site flooding. **(Less Than Significant Impact)**

e)  **Create or contribute runoff water which will exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?**
The proposed community park project may create an increase in impervious surface area on the site due to proposed parking lots, pathways, structures, and sport court, which in turn would generate a slight increase in stormwater runoff over the existing condition. However, the proposed park with implementation of post-construction LID-based stormwater runoff TCMs would reduce the volume and pollutant load of project-generated runoff from the site. **(Less Than Significant Impact)**

f) **Otherwise substantially degrade water quality?**

The City of Santa Rosa will comply with any required regional, state and federal permitting standards or mitigation requirements regarding potential impacts to mapped intermittent stream and riparian wetland areas on the site. **(Less Than Significant Impact)**

g) **Place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?**

The project site does include mapped portions of the 100-year flood hazard area. However, no housing is proposed with the project. **(No Impact)**

h) **Place within a 100-year flood hazard area structures which will impede or redirect flood flows?**

No buildings or structures that could potentially impede or redirect flood flows are proposed within the mapped 100-year flood hazard area on the site. **(Less Than Significant Impact)**

i) **Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?**

The majority of the mapped 100-year flood hazard zone on the project site covers existing riparian, oak woodland and grassland habitat areas upon which no structures or group facilities are proposed. It is therefore unlikely that the project presents a significant risk of loss, injury or death involving flooding. **(Less Than Significant Impact)**

j) **Result in inundation by seiche, tsunami, or mudflow?**

The topography of the project site is relatively flat, and the location is far from the ocean or any major lake or reservoir. Therefore, the project is unlikely to result in inundation by seiche, tsunami or mudslide. **(Less Than Significant Impact)**

4.9.4 **Conclusion**

With implementation of the standard construction BMPs and post-construction site design, source control and treatment control TCMs included in the project, potential impacts to water quality would be reduced to a less than significant level. **(Less Than Significant Impact)**

The proposed project would not result in substantial adverse drainage or flooding impacts. **(Less Than Significant Impact)**
4.10 LAND USE AND PLANNING

4.10.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
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<tbody>
<tr>
<td>a) Physically divide an established community?</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
<td>☐</td>
<td>1,4</td>
</tr>
<tr>
<td>b) Conflict with any applicable land use plan, policy, or regulation of an agency</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
<td>☐</td>
<td>1,3,4</td>
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<tr>
<td>with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?</td>
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<tr>
<td>c) Conflict with any applicable habitat conservation plan or natural community conservation plan?</td>
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<td>☐</td>
<td>☑</td>
<td>☐</td>
<td>1,4</td>
</tr>
</tbody>
</table>

4.10.2 Existing Setting

The project site is located in the Roseland neighborhood, an area in southwestern Santa Rosa that was incorporated into the City in November 2017. Roseland is a predominantly single-family residential neighborhood, with some larger undeveloped properties included. Roseland Creek runs in a southwesterly direction through the neighborhood. The 19.49-acre project site consists four parcels of land, one of which is undeveloped with the other three having single-family residences that are currently unoccupied. It is bounded by McMinn Avenue on the east, and by Burbank Avenue, a designated Scenic Roadway, on the west.

The area surrounding the project site contains mostly residential uses, with single-family residences to the north, east and west, and multiple family buildings also on the east. There is an elementary school located across Burbank Avenue from the site on the west, and a single-family residence and storage buildings adjacent to the south side of the site.

4.10.2.1 Applicable Plans, Policies, and Regulations

General Plan Designation and Zoning

In the City’s General Plan, the project site (1370 Burbank Avenue) is designated as Medium - Density Residential (8.0-18.0 units per acre). The Medium – Density Residential designation permits a range of housing types, including single family attached and multifamily developments, and is intended for specific areas where higher density is appropriate. The project site is also identified as Parks/Recreation and a Proposed Community Park. The Community Park designation includes land with full public access intended to provide recreation opportunities beyond those supplied by neighborhood parks. Community parks are larger in scale than neighborhood parks (generally 10-25 acres in size). They can be designed to provide spaces for organized sports, larger group events,
children’s play areas, several unique features, pathways and natural areas, community gardens and recreational facilities such as community centers. The city aims to provide access to community parks within one mile of residential neighborhoods.

The City of Santa Rosa Zoning Ordinance designates the project site as Open Space – Recreation (OSR-SR) and Multi Family Residential (R-3-18-SR) in a Scenic Road combining district (-SR). The Scenic Road combining district is intended to enhance and preserve the natural and constructed features that contribute to the character of scenic roads. Natural and constructed features include trees, rock walls, view corridors, road configuration and tree canopy. Any land use normally allowed in the primary zoning district (Multi-family Residential) may be allowed within the -SR combining district, subject to the land use permit requirements of the primary district.

4.10.3 Impact Discussion

a) Physically divide an established community?

The project site is currently located in a suburban area with residential development located to the north, east, and south, and Roseland Creek Elementary School located to the west. Implementation of the proposed park would result in the demolition of the existing unoccupied residences located on the site. The layout and design of the park does not include any features that would physically divide the community (e.g., impeding roadways or sidewalks). Therefore, the proposed park project would not physically divide an established community. (Less Than Significant Impact)

b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect?

General Plan and Zoning

According to the City’s General Plan, a portion of the project site (1370 Burbank Avenue) is designated as Medium - Density Residential, which allows for a minimum density of 8.0 units per acre. The project site is also identified as a proposed Community Park. Therefore, the project is consistent with the General Plan designation for the majority of the site and a park is an allowable use on properties designated for residential use. The General Plan designation and zoning for the property at 1370 Burbank Avenue could be amended and rezoned to Community Park; however, it is not required for implementation of the project. The proposed project would not conflict with any other applicable land use plans, policies, or regulations. (Less Than Significant Impact)

Sonoma County Agricultural Preservation and Open Space District Conservation Easements

Development of the proposed park on the project site would adhere to existing conservation easements on 1027 McMinn Avenue, and 1360 and 1400 Burbank Avenue that are held by the Sonoma County Agricultural Preservation and Open Space District (SCAPOSD). A conservation easement would also likely be granted for 1370 Burbank Avenue. The conservation easement restricts development on the northerly two parcels to the development of minor structures and
improvements in connection with low-intensity and educational uses. Impervious surfaces on the northerly parcels are also restricted to five percent of the total easement area. The conservation easement for 1400 Burbank Avenue limits structures and improvements within the “Natural Area” along Roseland Creek to trails and associated bridges which may provide emergency vehicle access. The easement also designates an “Oak Preservation Area” that allows for improvements in connection with low-intensity recreational and educational uses. Park improvements shall not result in impervious surfaces of more than 20 percent on this property. The SCAPOSD would review and approve the proposed Master Plan prior to implementation. The currently proposed Master Plan would not conflict with the provisions of the existing conservation easements on the project site. (Less Than Significant Impact)

c) Conflict with any applicable habitat conservation plan or natural community conservation plan?

The project site is not located within an adopted habitat conservation plan or natural community conservation plan. (No Impact)

4.10.4 Conclusion

The proposed project would not conflict substantially with existing land use policies and therefore would not have a significant impact. (Less Than Significant Impact)
4.11 MINERAL RESOURCES

4.11.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
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<tbody>
<tr>
<td>a) Result in the loss of availability of a known mineral resource that will be of value to the region and the residents of the state?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>1,12</td>
</tr>
<tr>
<td>b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>1,12</td>
</tr>
</tbody>
</table>

4.11.2 Existing Setting

The project site is not located in an area containing known mineral resources.

4.11.3 Impact Discussion

a – b) Result in the loss of availability of a known mineral resource that will be of value to the region and the residents of the state? Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

According to the Roseland Area/Sebastopol Road Specific Plan and Roseland Area Annexation Projects Environmental Impact Report, no minerals have been found on or adjacent to the project site. Therefore, the project would not result in an impact on mineral resources. (No Impact)

4.11.4 Conclusion

The project would not result in an environmental impact due to the loss of availability of known mineral resources. (No Impact)
4.12 NOISE AND VIBRATION

4.12.1 Environmental Checklist

Would the project result in:

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? □ □ ☒ ☐ 1,3,4

b) Exposure of persons to, or generation of, excessive groundborne vibration or groundborne noise levels? □ □ ☒ ☐ 1,3,4

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? □ □ ☒ ☐ 1,3,4

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? □ ☒ ☐ ☐ 1,3

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, will the project expose people residing or working in the project site to excessive noise levels? □ □ ☒ ☐ 1

f) For a project within the vicinity of a private airstrip, will the project expose people residing or working in the project site to excessive noise levels? □ □ ☒ ☐ 1

4.12.2 Existing Setting

4.12.1.1 Background

Noise may be defined as unwanted sound. Acceptable levels of noise vary from land use to land use. In any one location, the noise level will vary over time, from the lowest background or ambient noise level to temporary increases caused by traffic or other sources. State and federal standards have been established as guidelines for determining the compatibility of a particular use with its noise environment.

There are several methods of characterizing sound. The most common in California is the A-weighted sound level or dBA.\textsuperscript{13} This scale gives greater weight to the frequencies of sound to which

\textsuperscript{13} The sound pressure level in decibels as measured on a sound level meter using the A-weighting filter network. All sound levels in this discussion are A-weighted, unless otherwise stated.
the human ear is most sensitive. Because sound levels can vary markedly over a short period of time, different types of noise descriptors are used to account for this variability. Typical noise descriptors include maximum noise level ($L_{\text{max}}$), the energy-equivalent noise level ($L_{\text{eq}}$), and the day-night average noise level ($L_{\text{dn}}$). The $L_{\text{dn}}$ noise descriptor is commonly used in establishing noise exposure guidelines for specific land uses. For the energy-equivalent sound/noise descriptor called $L_{\text{eq}}$ the most common averaging period is hourly, but $L_{\text{eq}}$ can describe any series of noise events of arbitrary duration.

Although the A-weighted noise level may adequately indicate the level of environmental noise at any instant in time, community noise levels vary continuously. Most environmental noise includes a conglomeration of noise from distant sources which create a relatively steady background noise in which no particular source is identifiable.

Since the sensitivity to noise increases during the evening hours, 24-hour descriptors have been developed that incorporate artificial noise penalties added to quiet-time noise events. The Day/Night Average Sound Level, $L_{\text{dn}}$ (sometimes also referred to as DNL), is the average A-weighted noise level during a 24-hour day, obtained after the addition of 10 dB to noise levels measured in the nighttime between 10:00 p.m. and 7:00 a.m. The Community Noise Equivalent Level (CNEL) is a 24-hour A-weighted noise level from midnight to midnight after the addition of five dBA to sound levels occurring in the evening from 7:00 p.m. to 10:00 p.m. and after the addition of 10 dBA to sound levels occurring in the night between 10:00 p.m. and 7:00 a.m.

**Construction Noise**

Construction is a temporary source of noise impacting residences and businesses located near construction sites. Construction noise can be significant for short periods of time at any particular location and generates the highest noise levels during grading and excavation, with lower noise levels occurring during building construction. Large pieces of earth-moving equipment, such as graders, scrapers, and bulldozers, generate maximum noise levels of 90 to 95 dBA $L_{\text{max}}$ at a distance of 50 feet. Typical hourly average construction-generated noise levels are approximately 81 to 88 dBA $L_{\text{eq}}$ measured at a distance of 50 feet from the site during busy construction periods. Construction generated noise levels drop off at a rate of about six dBA per doubling of distance between the source and receptor. Shielding by buildings or terrain often result in lower construction noise levels at distant receptors.

**4.12.1.2 Existing Noise Conditions**

The project site is bounded by single-family residences to the north, McMinn Avenue to the east, and Burbank Avenue to the west. There is an elementary school located across Burbank Avenue from the site on the west, and a single-family residence and storage buildings adjacent to the south side of the site. The noise environment on the project site results primarily from vehicular traffic along Burbank Avenue and McMinn Avenue.
4.12.1.3 Applicable Plans, Policies, and Regulations

City of Santa Rosa General Plan

The General Plan includes policies for the purpose of avoiding or mitigating impacts resulting from planned development projects with the City. The following policies are specific to noise and vibration and are applicable to the proposed project.

<table>
<thead>
<tr>
<th>Policies</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy NS-B-5</td>
<td>Pursue measures to reduce noise impacts primarily through site planning. Engineering solution for noise mitigation, such as sound walls, are the least desirable alternative.</td>
</tr>
<tr>
<td>Policy NS-B-6</td>
<td>Do not permit existing uses to generate new noises exceeding normally acceptable levels unless: these noises are mitigated to acceptable levels; or the activities are specifically exempted by the City Council on the bases of community health, safety, and welfare.</td>
</tr>
</tbody>
</table>

City of Santa Rosa Noise Ordinance

The City Municipal Code has a Noise Ordinance (Chapter 17-16). Section 17-16.030 sets criteria for base, or ambient noise levels to help determine if radios, musical instruments, machinery or equipment or other devices are creating a nuisance. The ordinance states “any noise level exceeding the ambient base level at the property line of any property by more than five decibels shall be deemed to be prima facie evidence of a violation of this section.” The ambient base level for noise in residential areas varies from 55 dbA during daytime hours to 45 dbA during nighttime hours. The ordinance prohibits motor vehicle operations in such manner that a reasonable person of normal hearing sensitivity residing in the area is caused discomfort or annoyance. The ordinance also cites section 23130 of the State vehicle code.

4.12.3 Impact Discussion

a) Result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

The Noise Element of the General Plan establishes 70 dBA CNEL as the maximum suggested exterior noise level for playgrounds and neighborhood parks. Based on the General Plan noise contours, noise levels on the project site are expected to be at the 60 dBA CNEL due to traffic levels along Burbank Avenue and McMinn Avenue. Based on the General Plan noise contours for Burbank Avenue and McMinn Avenue, the proposed park would not expose persons to noise levels in excess of the General Plan standards. (Less Than Significant Impact)

b) Result in exposure of persons to, or generation of, excessive groundborne vibration or groundborne noise levels?

Construction of the proposed park will not require pile driving or other significant vibration causing construction activity. The proposed park would not generate excessive or perceptible vibration. Implementation of the proposed park would result in the demolition of the existing unoccupied
residences, which could cause temporary groundborne vibration and noise, but it is not anticipated to be lengthy in duration, would occur during the day, and be located over 250 feet from the nearest structures.  (Less Than Significant Impact)

c) Result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

Noise levels in the project area would increase minimally as a result of project traffic. A noise increase is considered substantial if it increases the ambient noise level by three dB or more in noise sensitive areas. A three dB increase is equivalent to a doubling of traffic on local roadways. Primary vehicular access to the project site is provided from Burbank Avenue. The project is estimated to result in 229 daily vehicle trips which would not double roadway volumes on Burbank Avenue.14

The proposed park would operate from sunrise (6:00 a.m.) to sunset (6:00 p.m. PST or 9:00 p.m. PDT), seven days per week consistent with City policies. Active park uses are only proposed on the southernmost parcel, south of Roseland Creek, with passive uses in the three northerly parcels north of Roseland Creek. The operation of the community park, which is limited to daylight hours, is not anticipated to generate noise that would expose adjacent sensitive receptors to excessive noise levels. (Less Than Significant Impact)

d) Result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Project implementation would result in intermittent short-term noise impacts resulting from construction-related activities. However, this temporary impact would be reduced via implementation of Best Management Practices (BMPs). BMPs are required at the time of building permit issuance for all development and would reduce any impacts of additional noise level exposure to less than significant. Such BMPs include requirements for construction vehicles and equipment to be properly muffled. Construction hours would be limited from 7:00 am to 7:00 pm Mondays through Saturdays, and 10:00 am to 6:00 pm on Sundays and holidays.

Impact NV – 1: The project would construct a proposed park adjacent to noise sensitive, residential and educational uses which could result in temporary disturbances during construction. (Significant Impact)

Mitigation Measure: The following mitigation measures will be implemented by the project to ensure impacts from construction noise are reduced to a less than significant level:

MM NV – 1.1: The City will incorporate the following practices into the construction documents to be implemented by the project contractor:

Maximize the physical separation between noise generators and noise receptors. Such separation includes, but is not limited to, the following measures:
- Locate stationary equipment to minimize noise impacts on the community;
- Minimize backing movements of equipment;
- Use quiet construction equipment whenever possible and properly maintained and muffled internal combustion engine-driven construction equipment;
- Impact equipment (e.g., jack hammers and pavement breakers) shall be hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically-powered tools.
- Compressed air exhaust silencers shall be used on other equipment.
- Prohibit unnecessary idling of internal combustion engines.
- The Director of Recreation and Parks shall designate a “disturbance coordinator” for construction activities. The coordinator would be responsible for responding to any local complaints regarding construction noise and vibration. The coordinator would determine the cause of the noise or vibration complaint and would implement reasonable measures to correct the problem.
- The construction contractor shall send advance notice in conjunction with the City of Santa Rosa Recreation and Parks Department to neighborhood residents within 300 feet of the project site as well as the Roseland Elementary School administrator regarding the construction schedule and including the telephone number for the disturbance coordinator at the construction site.

With the implementation of the above mitigation measures, the proposed project would reduce construction noise impacts to a less than significant level. (Less Than Significant Impact With Mitigation)

e, f) For a project located within an airport land use plan or, where such a plan has not yet been adopted, within 2 miles of a public use airport, would the project expose people residing or working in the project area to excessive noise levels? For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

Charles M. Schultz Sonoma County Airport is a regional municipal airport located approximately nine miles northwest of the project site. The project site is not located within the Airport Influence Area (AIA) for the Sonoma County Airport. Therefore, any overhead aircraft noise would not be significant in relation to the existing, local traffic noise. (Less Than Significant Impact)

The project is not within the vicinity of a private airport. (No Impact)
4.12.4 Conclusion

The proposed park would have a less than significant noise impact from park operations. (Less Than Significant Impact)

The proposed park master plan project, with the implementation of mitigation measure NV – 1.1, would ensure that construction noise impacts would be less than significant. (Less Than Significant Impact With Mitigation)
4.13 POPULATION AND HOUSING

4.13.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?</td>
<td>☑️</td>
<td>☑️</td>
<td>☑️</td>
<td>☑️</td>
<td>1</td>
</tr>
<tr>
<td>b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?</td>
<td>☑️</td>
<td>☑️</td>
<td>☑️</td>
<td>☑️</td>
<td>1</td>
</tr>
<tr>
<td>c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?</td>
<td>☑️</td>
<td>☑️</td>
<td>☑️</td>
<td>☑️</td>
<td>1</td>
</tr>
</tbody>
</table>

4.13.2 Existing Setting

According to US Census Bureau data, Santa Rosa’s population for 2016 was estimated to be 175,105 persons. From 2011 to 2015, there were 64,088 households with an average of 2.64 persons per household. According to the City’s General Plan, the projected population in 2035 will be 237,000 residents.

4.13.3 Impact Discussion

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

The proposed project would not result in additional residents, directly, or indirectly. Therefore, the project would not induce substantial population growth. (No Impact)

b,c) Displace substantial numbers of existing housing or people, necessitating the construction of replacement housing elsewhere?

The project site is developed with four single-family residences, all of which are currently vacant. Impacts from demolition of a limited number of housing units on the project site, therefore, would be less than significant. (Less Than Significant Impact)

---

4.13.4  Conclusion

Implementation of the proposed project would not result in any population growth nor would it result in displacement of a substantial number of housing units or residents. **(Less Than Significant Impact)**
4.14 PUBLIC SERVICES

4.14.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant Impact</th>
<th>Less Than Significant Impact With Mitigation Incorporation</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>1,3,4</td>
</tr>
<tr>
<td>- Fire Protection?</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>1,3,4</td>
</tr>
<tr>
<td>- Police Protection?</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>1,3,4</td>
</tr>
<tr>
<td>- Schools?</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>1,3,4</td>
</tr>
<tr>
<td>- Parks?</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>1,3,4</td>
</tr>
<tr>
<td>- Other Public Facilities?</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>☐ ☐ ☒ ☒</td>
<td>1,3,4</td>
</tr>
</tbody>
</table>

4.14.2 Existing Setting

4.14.1.1 Fire Protection Services

The Santa Rosa Fire Department provides fire protection, paramedic emergency medical, rescue, and hazardous materials response services to the Roseland Fire Protection District. These services have been provided to the Santa Rosa Fire Department since 1983 under a contractual agreement.16 The closest fire station to the project site is Station No. 8, located at 830 Burbank Avenue, approximately 0.25 miles north of the project site.

The City Council has set a goal for the Fire Department of responding to 80 percent of all calls for service within 4 minutes or less, to 90 percent of all calls for service within 5 minutes or less, and to all calls for service within 6 minutes or less.

4.14.1.2 Police Protection Services

The Santa Rosa Police Department provides neighborhood-oriented policing services via patrol operations and traffic enforcement. The Police Department has 256 employees working within the community to provide public safety services. Neighborhood-oriented policing is based on encouraging citizen input and involvement to resolve issues concerning public safety, law enforcement, and criminal activity throughout the community.

Police protection services for the project site are headquartered at 965 Sonoma Avenue, approximately 3.1 miles northeast of the project site.

4.14.2.3  **Parks**

The Santa Rosa Recreation and Parks Department currently operates and maintains 78 parks totaling approximately 737 acres. The City maintains a park standard of three acres of City parkland per 1,000 residents. The City Council determines what ratio of neighborhood and community parkland, school playgrounds, and open space will satisfy this standard. Currently this ratio is 4.2 acres of parkland per 1,000 residents, plus 1.1 acres of public-serving open space.

4.14.3  **Impact Discussion**

a)  **Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for public services?**

The proposed project would construct a community park in an existing residential area. The project would be open from sunrise (6:00 a.m.) to sunset (6:00 p.m. PST or 9:00 p.m. PDT) seven days a week, consistent with park operational hours at all City of Santa Rosa parks. The project would not substantially increase demand for police and fire services, and would not increase existing response times to the project site. The proposed project would not result in increased demand for schools, parks, or any other public facilities in the project area. *(Less Than Significant Impact)*

4.14.4  **Conclusion**

The project would result in a less than significant impact to public services. *(Less Than Significant Impact)*
4.15 RECREATION

4.15.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Source(s)</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility will occur or be accelerated?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>1</td>
</tr>
<tr>
<td>b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>1</td>
</tr>
</tbody>
</table>

4.15.2 Existing Setting

The Santa Rosa Recreation and Parks Department currently operates and maintains 78 parks totaling approximately 737 acres. The City maintains a park standard of three acres of City parkland per 1,000 residents. The City Council determines what ratio of neighborhood and community parkland, school playgrounds, and open space will satisfy this standard. Currently this ratio is 4.2 acres of parkland per 1,000 residents, plus 1.1 acres of public-serving open space.

4.15.3 Impact Discussion

a,b) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility will occur or be accelerated? Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

The proposed project is the construction of a 19.49-acre community park. The project would increase the number of parks and recreational facilities in Santa Rosa and, therefore, would not result in adverse impacts to any recreational facilities. (No Impact)

4.15.4 Conclusion

The project would not have significant impacts on recreational facilities. (No Impact)
4.16 TRANSPORTATION/TRAFFIC

4.16.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant With Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Conflict with an applicable plan, ordinance or policy establishing measures</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,17</td>
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<tr>
<td>of effectiveness for the performance of the circulation system, taking into</td>
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<td>account all modes of transportation including mass transit and non-motorized</td>
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<tr>
<td>travel and relevant components of the circulation system, including but not</td>
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<tr>
<td>limited to intersections, streets, highways and freeways, pedestrian and</td>
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<td></td>
<td></td>
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<tr>
<td>bicycle paths, and mass transit?</td>
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<tr>
<td>b) Conflict with an applicable congestion management program, including, but</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,17</td>
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<tr>
<td>not limited to level of service standards and travel demand measures, or other</td>
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<tr>
<td>standards established by the county congestion management agency for</td>
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<tr>
<td>designated roads or highways?</td>
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<tr>
<td>c) Result in a change in air traffic patterns, including either an increase in</td>
<td>☐</td>
<td>☐</td>
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<td>1</td>
</tr>
<tr>
<td>traffic levels or a change in location that results in substantial safety risks?</td>
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</tr>
<tr>
<td>d) Substantially increase hazards due to a design feature (e.g., sharp curves or</td>
<td>☐</td>
<td>☐</td>
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<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>dangerous intersections) or incompatible land uses (e.g., farm equipment)?</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>e) Result in inadequate emergency access?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>f) Conflict with adopted policies, plans, or programs regarding public transit,</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,17</td>
</tr>
<tr>
<td>bicycle, or pedestrian facilities, or otherwise decrease the performance or</td>
<td></td>
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<tr>
<td>safety of such facilities?</td>
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</tr>
</tbody>
</table>

4.16.2 Existing Setting

Roadway Network

Regional Access

Sebastopol Road is a five-lane arterial roadway including two lanes in each direction plus a center turn lane between Stony Point Road and Burbank Avenue and a three-lane road with one lane in each direction plus a center turn lane between Burbank Avenue and Olive Street.
Hearn Avenue is an arterial roadway that includes two lanes plus a center turn lane between US Highway 101 and Dutton Avenue and a three-lane road between Dutton Avenue and Stony Point Road.

**Local Access**

Burbank Avenue is a north-south local road that serves as a connector between two arterial roadways, Sebastopol Road and Hearn Avenue. This street provides the area’s primary connection to the surrounding arterial street network. No street parking is provided on Burbank Avenue.

McMinn Avenue is a local roadway that is located east of the project site and connects to Sebastopol Road on the north and Dutton Avenue via Delport Avenue to the south. Street parking is available on both sides of the street, that resides within a neighborhood.

**Pedestrian and Bicycle Facilities**

Schools have a major influence on pedestrian activity levels in the project area. Roseland Creek Elementary School on Burbank Avenue generates school-age pedestrian traffic on school days. No sidewalks are present on the roadway frontages of the park. Sidewalks are located on the west side of Burbank Avenue and east side of McMinn Avenue.

Bike lanes currently exist on Sebastopol Road between Stony Point Road and Dutton Avenue, on Stony Point Road between Bellevue Avenue and State Route 12, and on Hearn Avenue between Stony Point Road and the SMART rail line. A bike lane is present on the west side of Burbank Avenue along the Roseland Creek Elementary School frontage. As described in Section 4.16.1.2 below, Class II bike lanes are planned for Burbank Avenue.

**Transit Service**

**Santa Rosa CityBus**

Santa Rosa CityBus is the primary transit provider in Santa Rosa and the Roseland area. CityBus provides regularly scheduled fixed-route service to residential neighborhoods, major activity centers, and transit hubs within the City limits. Fourteen fixed routes are operated with wheelchair accessible, low-floor buses which can accommodate up to two bikes on bike racks attached to the front of each bus. CityBus routes are designed around a timed-transfer method where buses serving different routes arrive and depart at designated transfer locations at routine periodic intervals.

CityBus Routes 2A/2B, 12, and 15 serve portions of the Roseland area with Routes 12 and 15 serving the Southside Bus Transfer Center which is located on Hearn Avenue at Southwest Community Park. The Southside Transfer Center includes shelters and lighting, and facilitates timed transfers among the three CityBus routes. The CityBus bus stops closest to Roseland Creek Community Park are located on West Avenue at South Avenue (Route 12), and Sebastopol Road at Burbank Avenue and McMinn Avenue (Route 2/2B) with bus stops opposite the project site at the Chelsea Gardens Apartments and at the intersection with Delport Avenue directly east of the project site.
**Methodology**

**Level of Service**

The intersections of Burbank Avenue/Sebastopol Avenue and Burbank Avenue/Hearn Avenue were evaluated as part of the corridor analysis completed for the Roseland-Sebastopol Specific Plan Environmental Impact Report (EIR) in 2016.\(^\text{17}\) The Traffic Impact Study prepared for the Roseland-Sebastopol evaluated traffic conditions using level of service (LOS). LOS is a qualitative description of operating conditions ranging from LOS A (free-flow conditions with little or no delay) to LOS F (jammed conditions with excessive delays). The analysis methods for the City of Santa Rosa’s adopted LOS standard for signalized intersections are described below.

According to the City of Santa Rosa General Plan 2035, Standard T-D-1 states that the City will maintain a LOS D or better along all major corridors. Exceptions to meeting this standard are allowed where attainment would result in significant environmental degradation, where topography or environmental impacts make the improvement impossible, or where attainment would ensure loss of an area’s unique character.

According to the Traffic Impact Study for the Roseland Area/Sebastopol Road Specific Plan EIR completed in 2016, the intersections of Burbank Avenue/Sebastopol Avenue and Burbank Avenue/Hearn Avenue are shown to be operating as follows:

- Burbank Avenue/Sebastopol Avenue: LOS B during the AM peak hour, and LOS A during the PM peak hour
- Burbank Avenue/Hearn Avenue*: LOS C on the southbound Burbank Avenue approach during the AM and PM peak hour

*Unsignalized intersection

**4.16.1.2 Applicable Plans, Policies, and Regulations**

**City of Santa Rosa General Plan**

The following General Plan policies are pertinent to maintaining the City’s transportation network with the implementation of the proposed park:

<table>
<thead>
<tr>
<th>Policies</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy T-A</td>
<td>Provide a safe and sustainable transportation system.</td>
</tr>
<tr>
<td>Policy T-C-1</td>
<td>Minimize through traffic in residential neighborhoods and avoid excessive traffic volumes greater than that dictated by street design and classification, by providing attractive regional/arterial streets to accommodate cross-town traffic.</td>
</tr>
<tr>
<td>Policy T-D-1</td>
<td>Maintain a Level of Service (LOS) D or better along all major corridors.</td>
</tr>
</tbody>
</table>

The Roseland Area/Sebastopol Road Specific Plan includes a planned street design for Burbank Avenue. The northern section street design commences at the northernmost parcel on the project site and includes one travel lane in each direction with six-foot bike lanes, up to three feet of landscape buffer and a six-foot sidewalk. The southern section street design commences at 1360 Burbank Avenue and includes one travel lane in each direction with six-foot bike lanes, 8.5-foot bioswales and a six-foot sidewalk. The proposed community park maintains a rural character along the Burbank Avenue frontage and does not propose to implement the roadway frontage improvements at this time.

4.16.3 Impact Discussion

a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

Project Trip Generation Estimates

Project trip estimates for the proposed project are based on trip generation rates obtained from SANDAG (San Diego Area Council of Governments) and peak hour trip rates from the Institute of Transportation Engineers’ (ITE’s) Trip Generation Manual, 10th Edition, 2017. Based on the applied assumptions and trip generation rates, the proposed park is expected to generate an average of 230 daily trips, including 21 trips during the PM peak hour and 72 trips during the weekend midday peak hour. The trip generation estimates for the proposed project are summarized in Table 4.16-1.

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Size</th>
<th>Daily Trips</th>
<th>Weekday PM Peak Hour</th>
<th>Weekend Midday Peak Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Rate</td>
<td>Trips</td>
<td>Rate</td>
</tr>
<tr>
<td>City Park</td>
<td>4.59 acres</td>
<td>50</td>
<td>230</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Source: Institute of Transportation Engineers’ (ITE’s) Trip Generation Manual, 10th Edition SANDAG.

Given that current traffic levels of service at major intersections in the vicinity of the project site operate consistent with City standards, the limited number of new peak hour vehicle trips resulting from the project would result in less than significant impacts to intersection LOS.

As of December 2018, amendments to CEQA mandate that LOS, as a measure of local congestion, no longer be used to determine CEQA transportation impacts. The City does not have an adopted Vehicle Miles Traveled (VMT) policy identifying when a project would result in a significant VMT increase. The project proposes trails throughout the park that would formalize connections from the
residential neighborhoods to the east of the project site with the school and neighborhoods to the west. The project, therefore, would not result in any impact to the performance of the circulation system in the vicinity of the site. The project is consistent with all applicable plans, policies, and ordinances addressing the City’s circulation system. *(Less Than Significant Impact)*

b) **Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?**

The City requires a traffic impact analysis when a project would result in 50 or more AM or PM peak hour trips. The project, which would generate approximately 21 weekday PM and 72 midday weekend peak hour trips, does not require a detailed traffic impact analysis per the City’s standard as it would not result in 50 or more trips during the weekday AM or PM peak hours of traffic. The project would not result in a conflict with any other adopted plan, ordinance, or policy related to the effectiveness of the circulation system. *(Less Than Significant Impact)*

c) **Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?**

The proposed project would not affect air traffic patterns in the vicinity of the site, as described previously in *Section 4.8 Hazards and Hazardous Materials* of this document. *(No Impact)*

d) **Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible land uses (e.g., farm equipment)?**

Development in accordance with City design standards will ensure that hazards due to a design feature would be avoided. *(Less Than Significant Impact)*

e) **Result in inadequate emergency access?**

The proposed park would provide emergency access at the two driveways that connect to the surface parking lots located on the southwestern and western portions of the property off of Burbank Avenue. The emergency vehicle access and turnaround areas would be constructed in conformance to the Santa Rosa Fire Department standards. *(Less Than Significant Impact)*

f) **Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?**

The proposed project would not conflict with existing or planned multimodal transportation facilities or conflict with the City of Santa Rosa’s General Plan policies and regulations. The park proposes to construct an additional sidewalk on McMinn Avenue to close the sidewalk gap along the northeastern property boundary. A proposed crosswalk would connect the community park to Roseland Creek Elementary School in the northerly section of the park. The proposed park master plan would not conflict with future planned improvements to Burbank Avenue. *(Less Than Significant Impact)*
4.16.4 Conclusion

The proposed park would not generate a substantial amount of new vehicle trips that would exceed the capacity of the street system serving the site, nor would the project conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities. The project would not result in inadequate emergency access, nor a change in air traffic patterns. (Less Than Significant Impact)
## 4.17 UTILITIES AND SERVICE SYSTEMS

### 4.17.1 Environmental Checklist

<table>
<thead>
<tr>
<th>Would the project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant Impact</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,12</td>
</tr>
<tr>
<td>b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,12</td>
</tr>
<tr>
<td>c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,4</td>
</tr>
<tr>
<td>e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project’s projected demand in addition to the provider’s existing commitments?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1,18</td>
</tr>
<tr>
<td>f) Be served by a landfill with sufficient permitted capacity to accommodate the project’s solid waste disposal needs?</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
<tr>
<td>g) Comply with federal, state, and local statutes and regulations related to solid waste.</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>1</td>
</tr>
</tbody>
</table>

### 4.17.2 Existing Setting

#### 4.17.1.1 Water

The City of Santa Rosa receives its primary potable water supply from the Russian River watershed. Water is provided through the Russian River Project managed by the Sonoma County Water Agency (SCWA). The SCWA has supplied water to meet the City of Santa Rosa’s demands since the 1970s. From its headwaters in central Mendocino County, the Russian River drains a 1,485 square mile area. Principal tributaries of the Russian River are the East Fork of the Russian River, Big Sulphur Creek, Mark West Creek, Maacama Creek, and Dry Creek. There are also two major reservoir projects located within the Russian River watershed (Lake Mendocino on the East Fork of the Russian River and Lake Sonoma on Dry Creek) that provide water supply.
storage. A third reservoir project, Lake Pillsbury, indirectly contributes to the water supply through releases into the Eel River that are ultimately diverted into the East Fork of the Russian River project. The SCWA source of water is collected from the Russian River through Ranney water collector systems from two intake sites at Wohler and Mirabel located near Forestville.

Separate from the SCWA system, the City of Santa Rosa owns eight groundwater well sites; two are inactive and out of service. Two well were converted from emergency to active status in July 2005 and can provide up to 2,3000 acre feet per year (ac-ft/year) of supply. Three of the remaining six wells are only operated for emergency purposes, and one is used only for landscape irrigation purposes. The City also has approximately 2.1 million gallons per day (mgd) of groundwater capacity on a stand-by emergency basis. Since the mid-1990s, Santa Rosa has adopted a Capital Improvement Program (CIP) to provide an additional 8.7 mgd of emergency groundwater supply.

4.17.1.2 Storm Drainage

Topography at the site is nearly flat with a very slight slope to the southwest. Roseland Creek, an intermittent stream that is a tributary of the Laguna de Santa Rosa runs through the site from the northeast to the southwest. The upper reach of the creek, where the creek enters the project site, is approximately eight feet wide and has a concrete slab bed for approximately 400 linear feet. The lower reach (western portion) of the stream has a more natural channel composed of rock and cobble mixed with sands and silts, and contains a backflow channel which supports a riparian wetland near Burbank Avenue at the western edge of the site. The channel had flowing water in it during the May 2017 site visit by WRA.

4.17.1.3 Wastewater/Sanitary Sewer System

Sewage generated from residential, commercial and industrial uses within the City of Santa Rosa is collected and transported to the Laguna Wastewater Treatment Plant (WTP), located southwest of the city on Llano Road. The Laguna WTP, managed by the City of Santa Rosa, provides wastewater treatment and disposal services for the city as well as for Rohnert Park, Cotati, Sebastopol, and South Park Sanitation District. Waste water is tertiary-treated and, depending upon the amount of rainfall received in any given year, between 90 and 100 percent is recycled for urban and agricultural irrigation and for the Geysers Recharge Project. Currently, 6,000 acres of crops are irrigated with recycled water to grow hay, pasture, vegetables, wine grapes, and for landscaped areas.

The Laguna WTP is currently permitted to treat up to 21.34 million gallons per day. Projects under Santa Rosa’s Subregional Water Reuse System Incremental Recycled Water Program (IRWP), which was originally undertaken in 2001, will be implemented as growth occurs, eventually increasing the plant’s capacity to 25.79 mgd, 18.25 mgd of which would be allocated to Santa Rosa. This expanded capacity will be sufficient to meet the City’s wastewater needs up to 2020.

4.17.1.4 Solid Waste

The City of Santa Rosa contracts with the North Bay Corporation to provide solid waste collection and curbside recycling for residential and commercial uses in Santa Rosa. The North Bay Corporation is the licensed hauler and recycler for the project area. The North Bay Corporation
currently provides a single-stream recycling program (all recyclables in one container). The North Bay Corporation collects and transports commercial and residential solid waste to the Central Disposal Site Transfer Station at 500 Meacham Road in the City of Petaluma. The Central Disposal Site has a daily permitted disposal of about 1,050 tons per day, and a remaining capacity of about 9 million cubic yards.

4.17.1.5 Applicable Plans, Policies, and Regulations

Assembly Bill 939

Assembly Bill 939 (AB 939) established the California Integrated Waste Management Board (now CalRecycle) and required all California counties to prepare integrated waste management plans. AB 939 required all municipalities to divert 50 percent of the waste stream by the year 2000.

California Green Building Standards Code

In January 2010, the State of California adopted the California Green Building Standards Code that establishes mandatory green building standards for all buildings in California. The code covers five categories: planning and design, energy efficiency, water efficiency and conservation, material conservation and resource efficiency, and indoor environmental quality. These standards include a mandatory set of guidelines, as well as more rigorous voluntary measures, for new construction projects to achieve specific green building performance levels:

- Reducing indoor water use by 20 percent;
- Reducing wastewater by 20 percent;
- Recycling and/or salvaging 50 percent of nonhazardous construction and demolition debris; and
- Providing readily accessible areas for recycling by occupant.

City of Santa Rosa General Plan

The General Plan includes policies for the purpose of avoiding or mitigating impacts resulting from planned development projects with the City. The following policies are specific to utilities and service systems and are applicable to the proposed project.

<table>
<thead>
<tr>
<th>Policies</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy PSF-F-1</td>
<td>Utilize high quality water from the Sonoma County Water Agency (SCWA aqueduct system as the primary water supply.</td>
</tr>
<tr>
<td>Policy PFS-F-3</td>
<td>Develop available groundwater resources for the purpose of providing a supplemental source of water in the event of an emergency.</td>
</tr>
<tr>
<td>Policy PSF-F-6</td>
<td>Evaluate the city’s long-term water supply strategies, including development of new sources of water supply, improved water conservation and re-use, and implementation of appropriate growth control measures if necessary.</td>
</tr>
</tbody>
</table>
Impact Discussion

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

The proposed project includes the construction of a nature center and restroom north of Roseland Creek and a restroom adjacent to the sports court and multi-use turf area. The project is replacing existing single-family residences with a community park. The increase in wastewater from restroom use at the park would not cause an exceedance of wastewater treatment requirements of the applicable Regional Water Quality Control Board (RWQCB). Pursuant to the Federal Clean Water Act and California’s Porter-Cologne Water Quality Control Act, the RWQCB regulates wastewater discharges to surface waters, such as San Francisco Bay, through the NPDES program. Wastewater permits contain specific requirements that limit the pollutants it discharges. As required by the RWQCB, the WWTP monitors its wastewater to ensure that it meets all requirements. The RWQCB routinely inspects treatment facilities to ensure permit requirements are met. Sewage from development on the project site would be treated at the WWTP in accordance with the existing NPDES permit. (Less Than Significant Impact)

b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

The minor increase in restroom facility usage at the proposed park will not require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, and has been analyzed by the City of Santa Rosa 2035 General Plan. (Less Than Significant Impact)

c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Implementation of the proposed project would result in a slight increase in stormwater runoff due to an increase in impermeable surfaces compared to existing conditions. Runoff from the proposed rooftops, hardscape (sports court, picnic areas) and parking areas could carry fine sediment, grease, oil, and trace amounts of heavy metals into natural drainages and ultimately into the local creeks. Runoff from landscaping could carry pesticides, herbicides, and fertilizers, as well. Although the amounts of these pollutants ultimately discharged into the waterways are unknown, over time they could accumulate and be substantial.

The proposed project will add or replace more than 10,000 square feet of impervious surfaces, thus it must conform to the site design and treatment requirements of the Phase I MS4 Permit. Plans will be certified by engineers to ensure incorporation of appropriate and effective site design, source control, and Low Impact Development (LID) treatment controls to reduce post-construction runoff volumes and remove pollutants from runoff entering the storm drainage system. The project will be required to maintain all post-construction treatment control measures throughout the life of the project.

All drainage from the site is required to be treated before it enters the storm drain system, and to ensure there is sufficient capacity to handle increased drainage from the property, the project would
be required to limit the runoff from the site so that there is no net increase compared to pre-development levels. *(Less Than Significant Impact)*

d) *Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?*

The project would require minimal water for landscaping and turf maintenance. The project would, therefore, have sufficient water supplies available to serve the project and would not require new or expanded entitlements. *(Less Than Significant Impact)*

e) *Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project’s projected demand in addition to the provider’s existing commitments?*

The project would construct restroom facilities which would incrementally increase wastewater demand. According to the Sanitary Sewer Master Plan Update,¹⁸ no improvements to the sanitary sewer system in the project area are required. The limited increase in flows to the sanitary sewer system from the project site would not impact the existing sanitary sewer system. *(Less Than Significant Impact)*

f, g) *Be served by a landfill with sufficient permitted capacity to accommodate the project’s solid waste disposal needs? Complies with federal, state, and local statutes and regulations related to solid waste?*

The project would generate minimal amounts of solid waste from park patrons. As described above, landfills serving the project site have adequate capacity to accommodate any increase in solid waste generation resulting from the project. The project would comply with federal, state, and local statutes and regulations related to solid waste. *(Less Than Significant Impact)*

4.17.4 **Conclusion**

The project would not result in any utility or service facility exceeding its current capacity or require the construction of new infrastructure or service facilities. *(Less Than Significant Impact)*

---

¹⁸ City of Santa Rosa. *Sanitary Sewer Master Plan Update.* October 2014.
4.18  MANDATORY FINDINGS OF SIGNIFICANCE

4.18.1  Environmental Checklist

<table>
<thead>
<tr>
<th>Potential Impact</th>
<th>Less Than Significant Impact</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
<th>Checklist Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td></td>
<td></td>
<td></td>
<td>Pgs.10-113</td>
</tr>
<tr>
<td>Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

b)  | | | | Pgs. 10-113 |
| Does the project have impacts that are individually limited, but cumulatively considerable (“cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)? | | | | |

c)  | | | | Pgs.10-113 |
| Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | | | | |

4.18.2  Impact Discussion

a)  Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

As described in the specific sections of this Initial Study (refer to Section 4.0 Environmental Setting, Checklist, and Discussion of Impacts), with implementation of standard permit conditions and identified mitigation measures, the proposed project would not result in significant environmental impacts. The project would not degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory. (Less Than Significant Impact with Mitigation Incorporated)
b) Does the project have impacts that are individually limited, but cumulatively considerable?

Several of the environmental issues addressed in the previous sections of this Initial Study, such as air quality and greenhouse gas emissions, are assessments of a project’s contribution to cumulative effects on either a regional or global basis. These effects were found to be less than significant. Additional impacts, such as those related to geology and soils and hazardous materials, are limited to the project site. The project would generate minimal traffic during weekday peak hours, and would not make a considerable contribution toward any identified cumulative traffic impacts. There are no other projects planned in the area that would include substantial sources of light and glare, and the light levels generated by the proposed project are within the range of existing ambient light levels in the project area. The project, therefore, would not result in significant cumulative impacts. **(Less Than Significant Impact With Mitigation Incorporated)**

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

The project’s air quality impacts from construction to the surrounding residential area were analyzed in Section 4.3 of this Initial Study and found to be less than significant. The project, therefore, would not directly or indirectly cause significant adverse effects on human beings. **(Less Than Significant Impact With Mitigation Incorporated)**

4.18.4 Conclusion

The proposed park project would not have significant cumulative impacts. **(Less Than Significant Impact With Mitigation Incorporated)**

Checklist Sources

1. Professional judgment and expertise of the environmental specialist preparing this assessment, based upon a review of the site and surrounding conditions, as well as a review of the project plans.


4. City of Santa Rosa. *Santa Rosa General Plan 2035*.


15. ECON. *Phase I Environmental Site Assessment, Roseland Creek Community Park, 1400 Burbank Avenue, APN 125-331-001, Santa Rosa, California*. February 19, 2010.


SECTION 5.0 REFERENCES


City of Santa Rosa. Santa Rosa General Plan 2035.

City of Santa Rosa, Recreation and Community Services. Draft Roseland Creek Community Park and Trail Initial Study & Mitigated Negative Declaration. September 28, 2011.


City of Santa Rosa. North Santa Rosa Station Area Specific Plan Draft EIR. April 2012.

City of Santa Rosa. Santa Rosa City Code, Chapter 17-24 Tree Ordinance.


City of Santa Rosa. Sanitary Sewer Master Plan Update. October 2014.


EBA Engineering. Phase I Environmental Site Assessment, McCafferty & Barton Property, 1370 Burbank Avenue, Santa Rosa, California. March 20, 2018.

ECON. Phase I Environmental Site Assessment, Roseland Creek Community Park, 1400 Burbank Avenue, APN 125-331-001, Santa Rosa, California. February 19, 2010.

Harris & Lee Environmental Services. Phase I Environmental Site Assessment 1027 McMinn Avenue, Santa Rosa, CA 95407. September 20, 2010.

Tom Origer & Associates. *Historical Evaluation of the Buildings at 1400 Burbank Avenue*
*Santa Rosa, Sonoma County, California.* May 31, 2011.


**Persons Contacted:**

Zack Matley, W-Trans
SECTION 6.0  LEAD AGENCIES AND CONSULTANTS

6.1  LEAD AGENCY

City of Santa Rosa
Recreation and Parks Department
Jen Santos, Deputy Director - Parks

6.2  CONSULTANTS

Environmental Consultants and Planners

Will Burns, AICP, Principal Project Manager
Mike Campbell, AICP, Project Manager
Tali Ashurov, Associate Project Manager
Zach Dill, Graphic Artist

ATC Group Services LLC
Hazardous Materials Consultants

Gabe Stivala, P.G., Senior Geologist
Sara E. Bostick, Senior Project Manager

WRA Environmental Consultants
Biological Resources Consultants

Doug Spicher, Principal
Scott Yarger, Botanist/Arborist
Melinda Mohamed, Wildlife Biologist
APPENDIX A

BIOLOGICAL RESOURCES REPORTS
APPENDIX A-1
SPECIAL-STATUS PLANT SURVEY
July 24, 2017

Mike Campbell  
David J. Powers & Associates  
1871 The Alameda, Suite 200  
San Jose, California 95126

RE: Special-status Plant Survey, Roseland Creek Community Park, Santa Rosa, CA

Dear Mr. Campbell,

This letter summarizes the findings of a late-season special-status plant survey conducted on July 19, 2017 at the site of the proposed Roseland Creek Community Park Project (Project), located southeast of the intersection of Hughes Avenue and Burbank Avenue (APN #’s: 125-331-001, 125-252-002, -003, and -004; Project Area) in the southwest quadrant of the City of Santa Rosa, Sonoma County, California. The following sections provide background, methods and results of the survey.

Background

On May 2, 2017, WRA conducted a biological reconnaissance survey¹, within the Project Area and determined that two special-status plants had high or moderate potential to occur within the Project Area:

- Sonoma alopecurus (Alopecurus aequalis var. sonomensis), Federal Endangered, CNPS Rank 1B;
- Congested-headed hayfield tarplant (Hemizonia congesta ssp. congesta), CNPS Rank 1B.

All listed plant species covered by the Santa Rosa Plain Programmatic Biological Opinion², Burke’s goldfields, Sonoma sunshine, and Sebastopol meadowfoam are unlikely to occur within the Project Area due to a lack of vernal pool habitat, lack of suitable hydrology (i.e. extended ponding), and/or prior disturbance (i.e. agricultural conversion, annual mowing). Moreover, the biological reconnaissance site visit was conducted during the documented bloom period of all

three listed species. No special-status plants were observed during the May site visit, while Burke’s goldfields, and Sebastapol meadowfoam were observed in bloom at a documented reference site just five days after the site visit, confirming their phenology would have been identifiable during the time of the site visit.

Due to the timing of the May 2 site visit, outside of the documented bloom period of Sonoma alopecurus and congested-headed hayfield tarplant, WRA recommended that a follow-up, targeted, protocol-level rare plant survey be conducted to determine presence or absence of these species. The two species bloom periods overlap during the month of July, and a survey was recommended to take place in early July to determine the presence or absence of these species.

Methods

A protocol-level special status plant survey was conducted in the Project Area on July 20, 2017 to determine the presence or absence of Sonoma alopecurus, and congested-headed hayfield tarplant. A reference site for congested-headed hayfield tarplant was visited prior to the survey to confirm the appropriate timing of the survey. Congested-headed hayfield tarplant was observed in bloom at a documented reference site along Tomales Road in Petaluma, approximately 11.5 miles south of the Project Area during the day of the survey. A WRA botanist familiar with the flora of Sonoma and surrounding counties conducted the field survey. The survey followed the protocol for plant surveys described by resource agency guidelines 345, and entailed walking meandering transects within the Project Area with disproportionate attention to areas determined to provide potential habitat for the target species. Plants were identified using The Jepson Manual, 2nd Edition 6 and Jepson eFlora 7, to the taxonomic level necessary to determine whether or not they were rare. Plant names follow the most current nomenclature, Jepson eFlora. The plant surveys were floristic in nature with all observed species recorded and included as a species list provided in Attachment A.

Results

The May 2 site visit resulted in negative findings for special-status plant species, including the three Santa Rosa Plain covered species. A follow-up protocol-level rare plant survey was conducted for Sonoma alopecurus and congested-headed hayfield tarplant on July 19, 2017. The surveys resulted in negative findings for special-status plant species within the Project Area.

Should you have any questions or concerns, please feel free to contact me.

Sincerely,

Scott Yarger  
Plant Biologist  
yarger@wra-ca.com  
WRA, Inc.  
2169-G East Francisco Blvd.  
San Rafael, California 9490

ATTACHMENTS

Attachment A: List of Observed Plant Species within the Project Area
## Attachment A.  Plant Species Observed in the Study Area on May 2, and July 10, 2017.

<table>
<thead>
<tr>
<th>Family</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Origin</th>
<th>Form</th>
<th>Rarity Status&lt;sup&gt;1&lt;/sup&gt;</th>
<th>CAL-IPC Status&lt;sup&gt;2&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alismataceae</td>
<td><em>Alisma triviale</em></td>
<td>Northern water plantain</td>
<td>native</td>
<td>perennial herb (aquatic)</td>
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<td>Alliaceae</td>
<td><em>Allium triquetrum</em></td>
<td>White flowered onion</td>
<td>non-native (invasive)</td>
<td>perennial herb (bulb)</td>
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<tr>
<td>Anacardiaceae</td>
<td><em>Toxicodendron diversilobum</em></td>
<td>Poison oak</td>
<td>native</td>
<td>vine, shrub</td>
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<tr>
<td>Apiaceae</td>
<td><em>Conium maculatum</em></td>
<td>Poison hemlock</td>
<td>non-native (invasive)</td>
<td>perennial herb</td>
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<tr>
<td>Apiaceae</td>
<td><em>Daucus carota</em></td>
<td>Carrot</td>
<td>non-native (invasive)</td>
<td>perennial herb</td>
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<tr>
<td>Apiaceae</td>
<td><em>Foeniculum vulgare</em></td>
<td>Fennel</td>
<td>non-native (invasive)</td>
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<tr>
<td>Apocynaceae</td>
<td><em>Vinca major</em></td>
<td>Vinca</td>
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<tr>
<td>Araceae</td>
<td><em>Arum italicum</em></td>
<td>Italian lords and ladies</td>
<td>non-native</td>
<td>perennial herb</td>
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<tr>
<td>Araliaceae</td>
<td><em>Hedera helix</em></td>
<td>English ivy</td>
<td>non-native (invasive)</td>
<td>vine, shrub</td>
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<tr>
<td>Asteraceae</td>
<td><em>Artemisia douglasiana</em></td>
<td>California mugwort</td>
<td>native</td>
<td>perennial herb</td>
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<tr>
<td>Asteraceae</td>
<td><em>Carduus pycnocephalus</em> ss. pycnocephalus*</td>
<td>Italian thistle</td>
<td>non-native (invasive)</td>
<td>annual herb</td>
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<td>Moderate</td>
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<td>Common Name</td>
<td>Origin</td>
<td>Form</td>
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<td>CAL-IPC Status²</td>
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<td>Asteraceae</td>
<td><em>Cichorium intybus</em></td>
<td>Chicory</td>
<td>non-native</td>
<td>perennial herb</td>
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<tr>
<td>Asteraceae</td>
<td><em>Helminthotheca echioides</em></td>
<td>Bristly ox-tongue</td>
<td>non-native (invasive)</td>
<td>annual, perennial herb</td>
<td>-</td>
<td>Limited</td>
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<tr>
<td>Asteraceae</td>
<td><em>Hypocharis radicata</em></td>
<td>Hairy cats ear</td>
<td>non-native (invasive)</td>
<td>perennial herb</td>
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<td>Moderate</td>
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<tr>
<td>Asteraceae</td>
<td><em>Lactuca saligna</em></td>
<td>Willow lettuce</td>
<td>non-native</td>
<td>annual herb</td>
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<td>Asteraceae</td>
<td><em>Lactuca serriola</em></td>
<td>Prickly lettuce</td>
<td>non-native (invasive)</td>
<td>annual herb</td>
<td>-</td>
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<tr>
<td>Asteraceae</td>
<td><em>Matricaria discoidea</em></td>
<td>Pineapple weed</td>
<td>native</td>
<td>annual herb</td>
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<td>Asteraceae</td>
<td><em>Taraxacum officinale</em></td>
<td>Red seeded dandelion</td>
<td>non-native (invasive)</td>
<td>perennial herb</td>
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<td>Asteraceae</td>
<td><em>Tragopogon porrifolius</em></td>
<td>Salsify</td>
<td>non-native</td>
<td>perennial herb</td>
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<td>Brassicaceae</td>
<td><em>Raphanus sativus</em></td>
<td>Wild radish</td>
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<td>Caprifoliaceae</td>
<td><em>Symphoricarpos albus var.</em></td>
<td>Snowberry</td>
<td>native</td>
<td>shrub</td>
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<td>Caprifoliaceae</td>
<td>laevigatus</td>
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<td>Convolvulaceae</td>
<td><em>Convolvulus arvensis</em></td>
<td>Field bindweed</td>
<td>non-native (invasive)</td>
<td>perennial herb, vine</td>
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<td>Chenopodiaceae</td>
<td><em>Atriplex prostrata</em></td>
<td>Fat-hen</td>
<td>non-native</td>
<td>annual herb</td>
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<td>Cyperaceae</td>
<td>Carex barbarae</td>
<td>Valley sedge</td>
<td>native</td>
<td>perennial grasslike herb</td>
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<td>Cyperaceae</td>
<td>Carex praegracilis</td>
<td>Field sedge</td>
<td>native</td>
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<td>Cyperaceae</td>
<td>Cyperus eragrostis</td>
<td>Tall cyperus</td>
<td>native</td>
<td>perennial grasslike herb</td>
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<tr>
<td>Dipsacaceae</td>
<td>Dipsacus sativus</td>
<td>Indian teasel</td>
<td>non-native (invasive)</td>
<td>biennial herb</td>
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<tr>
<td>Dryopteridaceae</td>
<td>Dryopteris arguta</td>
<td>Wood fern</td>
<td>native</td>
<td>fern</td>
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<tr>
<td>Fabaceae</td>
<td>Acacia melanoxylon</td>
<td>Blackwood acacia</td>
<td>non-native (invasive)</td>
<td>tree</td>
<td>-</td>
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<tr>
<td>Fabaceae</td>
<td>Acmispon americanus var. americanus</td>
<td>Spanish lotus</td>
<td>native</td>
<td>annual herb</td>
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<td>Fabaceae</td>
<td>Genista monspessulana</td>
<td>French broom</td>
<td>non-native (invasive)</td>
<td>shrub</td>
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<tr>
<td>Fabaceae</td>
<td>Trifolium dubium</td>
<td>Shamrock</td>
<td>non-native</td>
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<td>Trifolium glomeratum</td>
<td>Clustered clover</td>
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<td>Fabaceae</td>
<td>Trifolium hirtum</td>
<td>Rose clover</td>
<td>non-native (invasive)</td>
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<td>Fabaceae</td>
<td>Vicia sativa</td>
<td>Spring vetch</td>
<td>non-native</td>
<td>annual herb, vine</td>
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<td>Fagaceae</td>
<td>Quercus agrifolia</td>
<td>Coast live oak</td>
<td>native</td>
<td>tree</td>
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<td>Fagaceae</td>
<td>Quercus lobata</td>
<td>Valley oak</td>
<td>native</td>
<td>tree</td>
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<tr>
<td>Geraniaceae</td>
<td>Geranium dissectum</td>
<td>Wild geranium</td>
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<td>Geraniaceae</td>
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<td>Juglandaceae</td>
<td>Juglans hindsii</td>
<td>Northern California black</td>
<td>native</td>
<td>tree</td>
<td>Rank 1B.1*</td>
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<td>Juncaceae</td>
<td>Juncus bufonius</td>
<td>Common toad rush</td>
<td>native</td>
<td>annual</td>
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<td>Juncaceae</td>
<td>Juncus patens</td>
<td>Rush</td>
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<td>Lamiaceae</td>
<td>Stachys sp.</td>
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<td>Lythraceae</td>
<td>Lythrum hyssopifolia</td>
<td>Hyssop loosestrife</td>
<td>non-native</td>
<td>annual,</td>
<td></td>
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<tr>
<td>Malvaceae</td>
<td>Malva sp.</td>
<td>-</td>
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<td>Myrtaceae</td>
<td>Eucalyptus camaldulensis</td>
<td>Red gum</td>
<td>non-native</td>
<td>tree</td>
<td></td>
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<tr>
<td>Myrtaceae</td>
<td>Eucalyptus globulus</td>
<td>Blue gum</td>
<td>non-native</td>
<td>tree</td>
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<tr>
<td>Oleaceae</td>
<td>Fraxinus latifolia</td>
<td>Oregon ash</td>
<td>native</td>
<td>tree</td>
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<td>Common Name</td>
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<td>CAL-IPC Status²</td>
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</tr>
<tr>
<td>Oleaceae</td>
<td><em>Fraxinus velutina</em> 'Modesto'</td>
<td>Modesto ash</td>
<td>non-native</td>
<td>tree</td>
<td>-</td>
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<tr>
<td>Oleaceae</td>
<td><em>Ligustrum lucidum</em></td>
<td>Glossy privet</td>
<td>non-native (invasive)</td>
<td>tree, shrub</td>
<td>-</td>
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<tr>
<td>Orobanchaceae</td>
<td><em>Parentucellia viscosa</em></td>
<td>Yellow parentucellia</td>
<td>non-native (invasive)</td>
<td>tree, shrub</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Papaveraceae</td>
<td><em>Eschscholzia californica</em></td>
<td>California poppy</td>
<td>native</td>
<td>annual, perennial herb</td>
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<tr>
<td>Papaveraceae</td>
<td><em>Fumaria sp.</em></td>
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<td>-</td>
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<tr>
<td>Pinaceae</td>
<td><em>Cedrus deodara</em></td>
<td>Deodar cedar</td>
<td>non-native</td>
<td>tree</td>
<td>-</td>
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<tr>
<td>Pinaceae</td>
<td><em>Pinus radiata</em></td>
<td>Monterey pine</td>
<td>native</td>
<td>tree</td>
<td>Rank 1B.1*</td>
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<tr>
<td>Plantaginaceae</td>
<td><em>Kickxia elatine</em></td>
<td>Sharp point fluellin</td>
<td>non-native</td>
<td>perennial herb</td>
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<tr>
<td>Plantaginaceae</td>
<td><em>Plantago lanceolata</em></td>
<td>Ribwort</td>
<td>non-native (invasive)</td>
<td>perennial herb</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Avena barbata</em></td>
<td>Slim oat</td>
<td>non-native (invasive)</td>
<td>annual, perennial grass</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Briza maxima</em></td>
<td>Rattlesnake grass</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Briza minor</em></td>
<td>Little rattlesnake grass</td>
<td>non-native</td>
<td>annual grass</td>
<td>-</td>
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<td>Common Name</td>
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<tr>
<td>Poaceae</td>
<td>Bromus catharticus</td>
<td>Rescue grass</td>
<td>non-native</td>
<td>annual, perennial grass</td>
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<tr>
<td>Poaceae</td>
<td>Bromus diandrus</td>
<td>Ripgut brome</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
<td>-</td>
<td>Moderate</td>
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<tr>
<td>Poaceae</td>
<td>Bromus hordeaceus</td>
<td>Soft chess</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
<td>-</td>
<td>Limited</td>
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<tr>
<td>Poaceae</td>
<td>Bromus racemosus</td>
<td>Smooth brome</td>
<td>non-native</td>
<td>perennial grass</td>
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<tr>
<td>Poaceae</td>
<td>Cynodon dactylon</td>
<td>Bermuda grass</td>
<td>non-native (invasive)</td>
<td>perennial grass</td>
<td>-</td>
<td>Moderate</td>
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<tr>
<td>Poaceae</td>
<td>Danthonia californica</td>
<td>California oatgrass</td>
<td>native</td>
<td>perennial grass</td>
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<tr>
<td>Poaceae</td>
<td>Elymus glaucus</td>
<td>Blue wildrye</td>
<td>native</td>
<td>perennial grass</td>
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<tr>
<td>Poaceae</td>
<td>Festuca arundinacea</td>
<td>Reed fescue</td>
<td>non-native (invasive)</td>
<td>perennial grass</td>
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<td>Moderate</td>
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<td>Poaceae</td>
<td>Festuca bromoides</td>
<td>Brome fescue</td>
<td>non-native</td>
<td>annual grass</td>
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<td>Poaceae</td>
<td>Festuca myuros</td>
<td>Rattail sixweeks grass</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
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<td>Poaceae</td>
<td>Festuca perennis</td>
<td>Italian rye grass</td>
<td>non-native</td>
<td>annual, perennial grass</td>
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<td>Poaceae</td>
<td>Hordeum brachyantherum</td>
<td>Meadow barley</td>
<td>native</td>
<td>perennial grass</td>
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<tr>
<td>Poaceae</td>
<td><em>Hordeum marinum</em> ssp. <em>gussoneanum</em></td>
<td>Barley</td>
<td>non-native</td>
<td>annual grass</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Paspalum dilatatum</em></td>
<td>Dallis grass</td>
<td>non-native</td>
<td>perennial grass</td>
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<td>Poaceae</td>
<td><em>Phalaris aquatica</em></td>
<td>Harding grass</td>
<td>non-native</td>
<td>perennial grass</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Poa annua</em></td>
<td>Annual blue grass</td>
<td>non-native</td>
<td>annual grass</td>
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<td>Poaceae</td>
<td><em>Poa pratensis ssp. pratensis</em></td>
<td>Kentucky blue grass</td>
<td>non-native</td>
<td>perennial grass</td>
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<tr>
<td>Poaceae</td>
<td><em>Stipa pulchra</em></td>
<td>Purple needle grass</td>
<td>native</td>
<td>perennial grass</td>
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<td>Polygonaceae</td>
<td><em>Rumex crispus</em></td>
<td>Curly dock</td>
<td>non-native</td>
<td>perennial herb</td>
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<td>Ranunculaceae</td>
<td><em>Ranunculus muricatus</em></td>
<td>Buttercup</td>
<td>non-native</td>
<td>annual, perennial herb</td>
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<td>Rosaceae</td>
<td><em>Cotoneaster pannosus</em></td>
<td>Woolly cotoneaster</td>
<td>non-native</td>
<td>shrub</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Rosaceae</td>
<td><em>Crataegus monogyna</em></td>
<td>Hawthorn</td>
<td>non-native</td>
<td>shrub</td>
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<td>Form</td>
<td>Rarity Status¹</td>
<td>CAL-IPC Status²</td>
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<td><em>Populus nigra</em></td>
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<td>Salicaceae</td>
<td><em>Salix lasiolepis</em></td>
<td>Arroyo willow</td>
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*Monterey pine, and Northern California black walnut are not native to the Project Area. Both species has been widely planted and naturalized outside of their native ranges. CNPS rarity status only applies to native occurrences which are not found in the Project Area (CNPS 2017).

All species identified using the *Jepson Manual II: Vascular Plants of California* (Baldwin et al. 2012), *A Flora of Sonoma County* (Best et al. 1996) and *Jepson eFlora* (Jepson Flora Project [eds.] 2017); Nomenclature follows *Jepson eFlora*.

¹Rare Status: The CNPS Inventory of Rare and Endangered Plants (CNPS 2017)

| FE: | Federal Endangered |
| FT: | Federal Threatened |
| SE: | State Endangered   |
| ST: | State Threatened   |
| SR: | State Rare         |
| Rank 1A: | Plants presumed extirpated in California and either rare or extinct elsewhere |
| Rank 1B: | Plants rare, threatened, or endangered in California and elsewhere |
Rank 2A: Plants presumed extirpated in California, but more common elsewhere
Rank 2B: Plants rare, threatened, or endangered in California, but more common elsewhere
Rank 3: Plants about which we need more information – a review list
Rank 4: Plants of limited distribution – a watch list

2Invasive Status: California Invasive Plant Inventory (Cal-IPC 2017)
High: Severe ecological impacts; high rates of dispersal and establishment; most are widely distributed ecologically.
Moderate: Substantial and apparent ecological impacts; moderate-high rates of dispersal, establishment dependent on disturbance; limited-moderate distribution ecologically
Limited: Minor or not well documented ecological impacts; low-moderate rate of invasiveness; limited distribution ecologically
Assessed: Assessed by Cal-IPC and determined to not be an existing current threat
APPENDIX A-2
BIOLOGICAL RESOURCES ASSESSMENT
Biological Resources Assessment

Roseland Creek Community Park
SANTA ROSA, SONOMA COUNTY, CALIFORNIA

Prepared For:

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Date:
September 2019

WRA Project No:
26067
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<td>Biological Resources Assessment</td>
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</tr>
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<td>California Department of Fish and Game</td>
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<td>California Natural Diversity Database</td>
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<td>California Native Plant Society</td>
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<td>Corps</td>
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<td>Federal Endangered Species Act</td>
</tr>
<tr>
<td>Inventory</td>
<td>CNPS Inventory of Rare and Endangered Plants</td>
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<tr>
<td>MSL</td>
<td>Mean Sea Level</td>
</tr>
<tr>
<td>MBTA</td>
<td>Migratory Bird Treaty Act</td>
</tr>
<tr>
<td>OWHM</td>
<td>Ordinary High Water Mark</td>
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<tr>
<td>Rank</td>
<td>California Rare Plant Rank</td>
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<td>RWQCB</td>
<td>Regional Water Quality Control Board</td>
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<td>WRA</td>
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1.0 INTRODUCTION

WRA, Inc. (WRA) prepared this biological resources assessment (BRA) report on behalf of David J. Powers & Associates for the proposed Roseland Creek Community Park Project (Project). The proposed Project involves the development of a community park at an approximately 19.49-acre located southeast of the intersection of Hughes Avenue and Burbank Avenue (APN #'s: 125-331-001, 125-252-002, -003, and -004 in the southwest quadrant of the City of Santa Rosa, Sonoma County, California (Project Area; Appendix A - Figure 1). The proposed Roseland Creek Community Park would include various improvements, including but not limited to: picnic areas, a multi-use turf area, multi-use trails, parking lots, and restrooms. Two pedestrian bridges across Roseland Creek are proposed where two old, and failing footbridges currently cross the creek.

The purpose of this assessment was to gather information necessary to complete a review of biological resources under the California Environmental Quality Act (CEQA). This report describes the results of the site visits, which assessed the Project Area for the (1) potential to support special-status species, (2) the potential presence of sensitive biological communities such as wetlands or riparian habitats, and (3) the potential presence of other sensitive biological resources protected by local, state, and federal laws and regulations. Specific findings on the habitat suitability or the presence of special-status species or sensitive habitats may require that protocol-level surveys be conducted.

A BRA provides general information on the potential presence of sensitive species and habitats. The BRA is not an official protocol-level survey for listed species that may be required for project approval by local, state, or federal agencies. Subsequent protocol-level surveys for listed plant species were conducted following the biological resources assessment survey and are discussed in this report. This assessment is based on information available at the time of the study and on-site conditions that were observed on the date of the site visits.

2.0 REGULATORY BACKGROUND

The following sections explain the regulatory context of the BRA, including applicable laws and regulations that were applied to the field investigations and analysis of potential project impacts.

2.1 Sensitive Biological Communities

Sensitive biological communities include habitats that fulfill special functions or have special values, such as wetlands, streams, or riparian habitat. These habitats are protected under federal regulations such as the Clean Water Act; state regulations such as the Porter-Cologne Act, the California Fish and Game Code (CFG), and the CEQA; or local ordinances or policies such as city or county tree ordinances, Special Habitat Management Areas, and General Plan Elements.

Waters of the United States

The U.S. Army Corps of Engineers (Corps) regulates “Waters of the United States” under Section 404 of the Clean Water Act. Waters of the U.S. are defined in the Code of Federal Regulations (CFR) as waters susceptible to use in commerce, including interstate waters and wetlands, all
other waters (intrastate waterbodies, including wetlands), and their tributaries (33 CFR 328.3). Potential wetland areas, according to the three criteria used to delineate wetlands as defined in the Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory 1987), are identified by the presence of (1) hydrophytic vegetation, (2) hydric soils, and (3) wetland hydrology. Areas that are inundated at a sufficient depth and for a sufficient duration to exclude growth of hydrophytic vegetation are subject to Section 404 jurisdiction as “other waters” or “non-wetland waters” and are often characterized by an ordinary high water mark (OHWM). Other waters or non-wetland waters, for example, generally include lakes, rivers, and streams. The placement of fill material into Waters of the U.S generally requires an individual or nationwide permit from the Corps under Section 404 of the Clean Water Act.

**Waters of the State**

The term “Waters of the State” is defined by the Porter-Cologne Act as “any surface water or groundwater, including saline waters, within the boundaries of the state.” The Regional Water Quality Control Board (RWQCB) protects all waters in its regulatory scope and has special responsibility for wetlands, riparian areas, and headwaters. These waterbodies have high resource value, are vulnerable to filling, and are not systematically protected by other programs. RWQCB jurisdiction includes “isolated” wetlands and waters that may not be regulated by the Corps under Section 404. Waters of the State are regulated by the RWQCB under the State Water Quality Certification Program which regulates discharges of fill and dredged material under Section 401 of the Clean Water Act and the Porter-Cologne Water Quality Control Act. Projects that require a Corps permit, or fall under other federal jurisdiction, and have the potential to impact Waters of the State, are required to comply with the terms of the Water Quality Certification determination. If a proposed project does not require a federal permit, but does involve dredge or fill activities that may result in a discharge to Waters of the State, the RWQCB has the option to regulate the dredge and fill activities under its state authority in the form of Waste Discharge Requirements.

**Other Sensitive Biological Communities**

Other sensitive biological communities not discussed above include habitats that fulfill special functions or have special values. Natural communities considered sensitive are those identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife (CDFW, formerly the California Department of Fish and Game [CDFG]). The CDFW ranks sensitive communities and keeps records of their occurrences in its California Natural Diversity Database (CNDDB; CDFW 2018). In the CNDDB, vegetation alliances are ranked 1 through 5 based on NatureServe’s (2018) methodology, with those alliances ranked globally (G) or statewide (S) as 1 through 3 considered sensitive. Impacts to sensitive natural communities identified in local or regional plans, policies, regulations or those identified by the CDFW or U.S. Fish and Wildlife Service (USFWS) must be considered and evaluated under CEQA (California Code of Regulations [CCR] Title 14, Div. 6, Chap. 3, Appendix G). Specific habitats may also be identified as sensitive in city or county general plans or ordinances.

**2.2  Special-Status Species**

Special-status species include those plants and wildlife species that have been formally listed, are proposed as endangered or threatened, or are candidates for such listing under the Federal Endangered Species Act (ESA) or California Endangered Species Act (CESA). These acts afford protection to both listed species and those that are formal candidates for listing. In addition, CDFW Species of Special Concern, which are species that face extirpation in California if current
population and habitat trends continue, CDFW California Fully Protected species, USFWS Birds of Conservation Concern, and CDFW special-status invertebrates, are all considered special-status species. Although these aforementioned species generally have no special legal status, they are given special consideration under CEQA. Bat species are also evaluated for conservation status by the Western Bat Working Group (WBWG), a non-governmental entity; bats named as a “High Priority” or “Medium Priority” species for conservation by the WBWG are typically considered special-status and are considered under CEQA. Plant species on the California Native Plant Society (CNPS) Rare and Endangered Plant Inventory (Inventory) with California Rare Plant Ranks (Rank) of 1 through 4 are also considered special-status plant species and must be considered under the CEQA. A description of the CNPS Ranks is provided below in Table 1. In addition to regulations for special-status species, most birds in the United States, including non-special-status native species, are protected by the Migratory Bird Treaty Act of 1918 (MBTA) and the CFGC. Under these laws, destroying active bird nests, eggs, and/or young is illegal.

Table 1. Description of CNPS Ranks and Threat Codes

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<th>California Rare Plant Ranks (formerly known as CNPS Lists)</th>
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<tr>
<td>Rank 1A</td>
<td>Presumed extirpated in California and either rare or extinct elsewhere</td>
</tr>
<tr>
<td>Rank 1B</td>
<td>Rare, threatened, or endangered in California and elsewhere</td>
</tr>
<tr>
<td>Rank 2A</td>
<td>Presumed extirpated in California, but more common elsewhere</td>
</tr>
<tr>
<td>Rank 2B</td>
<td>Rare, threatened, or endangered in California, but more common elsewhere</td>
</tr>
<tr>
<td>Rank 3</td>
<td>Plants about which more information is needed - A review list</td>
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<tr>
<td>Rank 4</td>
<td>Plants of limited distribution - A watch list</td>
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<table>
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<td>Moderately threatened in California</td>
</tr>
<tr>
<td>0.3</td>
<td>Not very threatened in California</td>
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Santa Rosa Plain Conservation Strategy

The Project Area is located within the Santa Rosa Plain, an ecoregion which supports habitat for many vernal pool-associated special-status species. The USFWS developed the Santa Rosa Plain Conservation Strategy (Conservation Strategy; USFWS et al. 2005) as a conservation plan for these species. The Santa Rosa Plain Conservation Strategy Area is an area established by the USFWS for the protection and continued existence of California tiger salamander (CTS, *Ambystoma californiense*) and three endangered plant species: Burke’s goldfields (*Lasthenia burkei*), Sonoma sunshine (*Blennosperma bakeri*), and Sebastopol meadowfoam (*Limnanthes vinculans*). The Conservation Strategy (USFWS 2005) outlines the specific species of concern for this area along with guidance for specific conservation measures. In 2007 the Corps consulted with the USFWS on Section 404 permitting within the Conservation Strategy area which resulted in a Programmatic Biological Opinion (PBO). This 2007 PBO outlines the mitigation requirements resulting from impacts to wetlands and associated impacts to CTS and the three listed plants, and can be appended to permits authorized by the Corps. It is the PBO that dictates the mitigation requirements for CTS and the three listed plant species.
Critical Habitat

Critical habitat is a term defined in the ESA as a specific geographic area that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection. The ESA requires federal agencies to consult with the USFWS to conserve listed species on their lands and to ensure that any activities or projects they fund, authorize, or carry out will not jeopardize the survival of a threatened or endangered species. In consultation for those species with critical habitat, federal agencies must also ensure that their activities or projects do not adversely modify critical habitat to the point that it will no longer aid in the species’ recovery. In many cases, this level of protection is similar to that already provided to species by the ESA jeopardy standard. However, areas that are currently unoccupied by the species but which are needed for the species’ recovery are protected by the prohibition against adverse modification of critical habitat.

2.3 Local Policies, Ordinances, and Regulations

City of Santa Rosa Tree Ordinance

The City of Santa Rosa recognizes the aesthetic, environmental, and economic benefits mature trees provide to the citizens of the City. Chapter 17-24, “Trees” of the Santa Rosa City Code (Tree Ordinance) regulates the protection of certain trees on public and private properties within the City limits. The Tree Ordinance defines a “heritage tree” as: valley oak (Quercus lobata), blue oak (Q. douglasii), or buckeye (Aesculus californica) 19 inches circumference at breast height (measured at 4.5 feet above ground; or 6 inches diameter at breast height [DBH]) or greater; madrone (Arbutus menziesii) 38 inches circumference (12 inches DBH) or greater; coast live oak (Q. agrifolia), black oak (Q. kelloggii), Oregon oak (Q. garryana), canyon live oak (Q. chrysolepis), interior live oak (Q. wislizenii), red alder (Alnus rubra [A. oregona]), or white alder (A. rhombifolia) 57 inches circumference (18 inches DBH) or greater; or redwood (Sequoia sempervirens), bay (Umbellularia californica), Douglas fir (Pseudotsuga menziesii), or big-leaf maple (Acer macrophyllum) 75 inches circumference (24 inches DBH) or greater.

A Tree Permit is generally required for the removal, alteration or relocation of any “heritage tree”, “protected tree” (i.e. any tree, including a heritage tree, designated to be preserved on an approved development plan or as a condition of approval of a tentative map, a tentative parcel map, or other development approval issued by the City), or “street tree” (i.e. any tree having a single trunk circumference greater than 6.25 inches or a diameter greater than 2 inches, a height of more than six feet, and one half or more of its trunk is within a public right of way or within 5 feet of the paved portion of a City street or a public sidewalk), except as exempted in Section 17-24.030 of the Tree Ordinance. Several non-native species including acacia, silver maple, ailanthus, hawthorn, fruitless mulberry, privet, pyracantha, Monterey pine, Monterey cypress, and fruit and nut trees (except walnut) are exempt from the provisions of the ordinance. Trees, other than heritage trees, situated within City owned parks and other City owned or controlled places when altered, removed, or relocated by City employees or by contractors retained by the City are also exempt.

Creekside Development Ordinance

Section 20-30.040 “Creekside Development”, of the Santa Rosa City Code defines minimum setbacks from waterways for new structures to protect the public from the hazards of streambank failures and flooding. Under the ordinance, buildings of any type, driveways, streets, parking
areas, patios, platforms, decks, fences, earth fill or other structural debris fill, and retaining walls, shall be setback a minimum of 50 feet from: (a) the top of the highest bank for streams with defined channels and banks with slopes gentler than 2.5:1; (b) the intersection of 2.5:1 slope from toe of bank with top-of-bank where the natural bank is steeper than 2.5:1; or (c) the 100-year storm freeboard level for streams where there is no defined top-of-bank. Bridges for motor vehicles, pedestrians, and/or bicycles, and/or public utility infrastructure may cross through a waterway setback area and over or under its channel, provided that the installation has received all required approvals from the City.

3.0 METHODS

WRA biologists conducted a biological resources assessment site visit on May 2, 2017. The Project Area was traversed on foot to determine (1) plant communities present within the Project Area, (2) whether existing conditions provide suitable habitat for any special-status plant or wildlife species, and (3) whether sensitive habitats are present. Project figures are provided in Appendix A. All plant and wildlife species encountered were recorded and are summarized in Appendix B. Plant nomenclature follows Baldwin et al. (2012) and subsequent revisions by the Jepson Flora Project (2018), except where noted. For cases in which regulatory agencies, CNPS, or other entities base rarity on older taxonomic treatments, precedence was given to the treatment used by those entities. Special-status species with a potential for occurrence, determined based on field visits and habitat availability, are described in Appendix C. Representative photographs of the Project Area taken during field visits are included in Appendix D.

3.1 Biological Communities

Prior to the site visit, the Soil Survey of Sonoma County, California [U.S. Department of Agriculture (USDA) 1972] and SoilWeb (CSRL 2018) were examined to determine if any unique soil types that could support sensitive plant communities and/or aquatic features were present in the Project Area. Biological communities present in the Project Area were classified based on existing plant community descriptions described in the Preliminary Descriptions of the Terrestrial Natural Communities of California (Holland 1986) or A Manual of California Vegetation, Online Edition (CNPS 2018a). However, in some cases it is necessary to identify variants of community types or to describe non-vegetated areas that are not described in the literature. Biological communities were classified as sensitive or non-sensitive as defined by CEQA and other applicable laws and regulations.

3.1.1 Non-Sensitive Biological Communities

Non-sensitive biological communities are those communities that are not afforded special protection under CEQA, and other state, federal, and local laws, regulations and ordinances. These communities may, however, provide suitable habitat for some special-status plant or wildlife species and are identified or described in Section 4.1.1 below.

3.1.2 Sensitive Biological Communities

Sensitive biological communities are defined as those communities that are given special protection under CEQA and other applicable federal, state, and local laws, regulations and ordinances. Special methods used to identify sensitive biological communities are discussed below.
**Wetlands and Non-Wetland Waters**

Wetlands and non-wetland waters potentially subject to jurisdiction by the Corps, RWQCB, and/or CDFW were mapped following standard methods from the Corps (Environmental Laboratory 1987, Corps 2008a, b). Identification of wetlands focused on the presence of (1) hydrophytic vegetation, (2) hydric soils, and (3) indicators of wetland hydrology. Identification of non-wetland waters focused on the presence of an OHWM.

**Other Sensitive Biological Communities**

The Project Area was evaluated for the presence of other sensitive biological communities, including riparian areas or other sensitive plant communities recognized by CDFW. Prior to the site visit, aerial photographs, local soil maps, and *A Manual of California Vegetation, Online Edition* (CNPS 2018a) were reviewed to assess the potential for sensitive biological communities to occur in the Project Area. All alliances within the Project Area with a ranking of 1 through 3 were considered sensitive biological communities and mapped. These communities are described in Section 4.1.2 below.

**3.2 Special-Status Species**

**3.2.1 Literature Review**

Potential occurrence of special-status species in the Project Area was evaluated by first determining which special-status species occur in the vicinity of the Project Area through a literature and database search. Database searches for known occurrences of special-status species focused on the Santa Rosa 7.5-minute U.S. Geological Survey (USGS) quadrangle and the eight surrounding quadrangles: Healdsburg, Sebastopol, Two Rock, Cotati, Glen Ellen, Kenwood, Calistoga, and Mark West Springs. The following sources were reviewed to determine which special-status plant and wildlife species have been documented to occur in the vicinity of the Project Area:

- CNDDDB records (CDFW 2018)
- USFWS Information for Planning and Conservation Report (IPaC; USFWS 2018a)
- National Wetlands Inventory (USFWS 2018b)
- CNPS Rare and Endangered Plant Inventory (CNPS 2018b)
- CDFG publication "California’s Wildlife, Volumes I-III” (Zeiner et al. 1990)
- CDFG publication "California Bird Species of Special Concern” (Shuford and Gardali 2008)
- CDFW and University of California Press publication California Amphibian and Reptile Species of Special Concern (Thomson et al. 2016)
- California Herps: A Guide to the Amphibians and Reptiles of California (CalHerp 2018)
- *Sonoma County Breeding Bird Atlas* (Madrone Audubon Society 1995)
- *A Flora of Sonoma County* (Best et al. 1996)

**3.2.2 Site Assessment**

A site visit was made to the Project Area to search for suitable habitats for special-status species. Habitat conditions observed at the Project Site were used to evaluate the potential for presence of special-status species based on these searches and the professional expertise of the
investigating biologists. The potential for each special-status species to occur in the Project Area was then evaluated according to the following criteria:

- **No Potential:** Habitat on and adjacent to the site is clearly unsuitable for the species requirements (foraging, breeding, cover, substrate, elevation, hydrology, plant community, site history, disturbance regime).
- **Unlikely:** Few of the habitat components meeting the species requirements are present, and/or the majority of habitat on and adjacent to the site is unsuitable or of very poor quality. The species is not likely to be found on the site.
- **Moderate Potential:** Some of the habitat components meeting the species requirements are present, and/or only some of the habitat on or adjacent to the site is unsuitable. The species has a moderate probability of being found on the site.
- **High Potential:** All of the habitat components meeting the species requirements are present and/or most of the habitat on or adjacent to the site is highly suitable. The species has a high probability of being found on the site.
- **Present:** Species is observed on the site or has been recorded (i.e., CNDDB, other reports) on the site recently.

The site assessment is intended to identify the presence or absence of suitable habitat for each special-status species known to occur in the vicinity in order to determine its potential to occur in the Project Area. The site visit does not constitute a protocol-level survey and is not intended to determine the actual presence or absence of a species; however, if a special-status species is observed during the site visit, its presence will be recorded and discussed.

In cases where little information is known about species occurrences and habitat requirements, the species evaluation was based on best professional judgment of WRA biologists with experience working with the species and habitats. If necessary, recognized experts in individual species biology were contacted to obtain the most up to date information regarding species biology and ecology.

If a special-status species was observed during the site visit, its presence is recorded and discussed below in Section 4.2. For some species, a site assessment at the level conducted for this report may not be sufficient to determine presence or absence of a species to the specifications of regulatory agencies. In these cases, a species may be assumed to be present or further protocol-level special-status species surveys may be necessary. Special-status species for which further protocol-level surveys may be necessary are described below in Section 5.0.

### 4.0 RESULTS

A general description of the Project Area and the results of the site assessment are provided in the following sections. Project figures are provided in Appendix A. A list of plant and wildlife species observed is included as Appendix B. The assessment of the potential for special-status plant and wildlife species to occur in the Project Area is provided as Appendix C. Photographs of the Project Area are provided as Appendix D.
Project Area Description

The site of the proposed Roseland Creek Community Park is approximately 19.49 acres, and is composed of four separate parcels across from Roseland Creek Elementary School, on Burbank Avenue in the southwest quadrant of the City of Santa Rosa. Three of the four parcels have been previously developed to some degree and contain occupied or abandoned structures, but the majority of the land remains undeveloped and is composed of open non-native annual grassland, and valley oak (*Quercus lobata*) woodland. During the time of the site visit, one of the parcels, 1370 Burbank Avenue (APN #125-252-003), had an occupied residence, while the rest of the parcels were vacant.

The Project Area is bisected by Roseland Creek, an intermittent United States Geological Survey (USGS) “blue-line” stream, which flows through the Project Area in a westerly direction. Historic aerial imagery (Sonoma County 2018, NETR 2018) indicates that nearly the entire Project Area, with the exception of the creek corridor, supported high density, intensive agricultural (orchard) production from at least 1942 to as recently as 1971. The existing conditions of the site generally reflect the previous disturbance regime, and existing oak woodlands on site, outside of the riparian corridor, consist of a naturalized even-aged stand of relatively young trees. Other old, dead and/or decadent Northern California black walnut (*Juglans hindsii*) trees on the northernmost parcel are further indicative of the site’s agricultural past, as this species was typically used as rootstock for English walnut (*J. regia*) orchards. The two northernmost parcels are currently accessible and in use by the public, as evidenced by numerous social trails crossing the site, and evidence of All Terrain Vehicle (ATV) use (e.g. numerous tire tracks and ruts) were observed during the site visit. Recent aerial imagery (Google Earth 2018) also indicate that the open grassland portions of the Project Area are likely mowed annually for fire suppression.

The City has prepared a preliminary conceptual site plan for park improvements which include: a public gathering area, restrooms, shaded pavilion, nature center, sport courts, fitness courts, picnic areas, an open turf/multi-use field, dog park, parking lot and a network of universally accessible trails which would potentially include two footbridges across Roseland Creek where existing, old footbridges currently cross the creek.

4.1 Biological Communities

Table 2 summarizes the area of each biological community type observed in the Project Area. Seven biological communities were identified in the Project Area (Appendix A, Figure 2). Non-sensitive biological communities include: non-native grassland, developed/landscaped areas, and disturbed valley oak woodland. Potentially sensitive biological communities observed in the Project Area include intermittent stream (Roseland Creek), valley oak riparian woodland, riparian wetland, and purple needlegrass grassland, all of which are described in detail below.
Table 2. Summary of Biological Communities in the Project Area

<table>
<thead>
<tr>
<th>Community Type</th>
<th>Area (acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-sensitive</strong></td>
<td></td>
</tr>
<tr>
<td>Developed, landscaped</td>
<td>3.09</td>
</tr>
<tr>
<td>Non-native grassland</td>
<td>6.47</td>
</tr>
<tr>
<td>Disturbed valley oak woodland</td>
<td>7.07</td>
</tr>
<tr>
<td><strong>Sensitive</strong></td>
<td></td>
</tr>
<tr>
<td>Intermittent stream</td>
<td>0.35</td>
</tr>
<tr>
<td>Purple needlegrass grassland</td>
<td>0.45</td>
</tr>
<tr>
<td>Riparian wetland</td>
<td>0.10</td>
</tr>
<tr>
<td>Valley oak riparian woodland</td>
<td>1.96</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>19.49</strong></td>
</tr>
</tbody>
</table>

4.1.1 Non-Sensitive Biological Communities

**Developed/landscaped.** Developed/landscaped areas occupy approximately 3.09 acres within the Project Area. These areas have been previously developed and contained occupied or abandoned residences with associated hardscape, gravel driveways, and landscapes including ornamental trees and shrubs including Mexican fan palm (*Washingtonia robusta*), blue gum (*Eucalyptus globulus*), apple (*Malus* sp.), rose (*Rosa* sp.), and lilac (*Syringa* sp.). Developed/landscaped areas are not considered sensitive. However, they may contain protected trees per the City of Santa Rosa Tree Ordinance.

**Non-native grassland.** Non-native grassland occupies approximately 6.47 acres within the Project Area. Non-native grasslands within the Project Area are dominated non-native annual grasses including slim oat, and soft chess (*Bromus hordeaceus*), with associated grasses and forbs including Harding grass (*Phalaris aquatica*), bristly ox-tongue (*Helminthotheca echioiides*), spring vetch, and carrot (*Daucus carota*). Occasional areas of semi-mesic grasslands which included Italian ryegrass, and Mediterranean barley (*Hordeum marinum* ssp. *gussoneanum*), were investigated for potential jurisdictional wetland status, and although some features contained marginal wetland criteria (i.e., met one or more of three parameters: hydrology, hydrophytic vegetation, and hydric soils) during the 2017 site visit, which occurred during a substantially above-normal rainfall year, these features do not meet wetland criteria under normal precipitation conditions, as determined in 2018. This community contains scattered trees including several over-mature, declining Northern California black walnut trees, which are likely remnant rootstock from the historic orchard which occupied the area. Non-native grasslands appear to be mowed annually or semi-annually, and other human-caused disturbance, including ATV use, and social trails were observed. This community is not considered sensitive. However, they may contain protected trees per the City of Santa Rosa Tree Ordinance.

**Disturbed valley oak woodland.** Disturbed valley oak woodland occupies approximately 7.07 acres within the Project Area. This community was characterized as disturbed valley oak woodland, due to historic and contemporary disturbance within the community. Historic aerials indicate that all areas mapped as disturbed valley oak woodland were occupied by high-density
orchards as recently as 1971. This historic disturbance is evident, in particular in the northern portion of the stand, north of Roseland Creek, where the community is composed of an evenly-aged stand of young valley oak trees, which have the appearance of a planted or naturalized stand. Current disturbance observed within this community included numerous social trails, and ATV use, as evidenced by numerous tire tracks and ruts. Vegetation within this community is dominated by valley oak, with an understory dominated by non-native grasses including rattlesnake grass (*Briza maxima*), Italian ryegrass, and soft chess. Woody vines including poison oak, and Himalayan blackberry are also abundant within the understory. As described above within non-native grasslands, occasional areas of semi-mesic vegetation within this community were investigated for potential jurisdictional wetland status, and do not meet wetland criteria under normal precipitation conditions, as determined in 2018. Valley oak woodland (*Quercus lobata* Woodland Alliance) is reported by the CDFW with a sensitivity ranking of G3, S3 (CDFW 2018a), indicating that it is considered vulnerable globally and within California. However, valley oak woodland within the Project Area, outside of the riparian corridor is previously disturbed and composed of relatively young, possibly planted trees and does not meet qualitative criteria described by CDFW (2018c) to be considered a high-quality occurrence of the vegetation type, and thus would not be considered a sensitive vegetation community. However, the majority of trees within this community are considered protected per the City of Santa Rosa Tree Ordinance.

4.1.2 Sensitive Biological Communities

**Intermittent stream.** The Project Area contains approximately 0.35 acre of the intermittent stream which bisects the Project Area flowing in a southwesterly direction. Roseland Creek is an intermittent USGS blue-line stream. The upper reach of the creek within the Project Area is approximately 8 feet wide and has a concrete slab bed with water undermining and flowing underneath the concrete at the time of the site visit. The lower reach (western portion) of the stream has a more natural channel composed of rock and cobble mixed with sands and silts. Roseland Creek was delineated within the Project Area based on observable OHWM indicators including: presence of a bed and bank, scouring, wrack, sediment deposition, and water stains on the banks. The lower reach of the creek contains a backflow, scour channel which supports a riparian wetland, described in detail below. Dominant vegetation along the banks of the intermittent stream is composed of valley oak (*Quercus lobata*) riparian woodland described in detail below. The channel was flowing during the May 2017 site visit. Areas mapped as intermittent creek are considered jurisdictional under Section 404 of the CWA and Section 1602 of the CFGC. Roseland Creek is also likely subject to development setbacks for structures (including buildings of any type, driveways, streets, parking areas, patios, platforms, decks, fences, earth fill or other structural debris fill, or retaining walls) of 50 feet from the top of bank, as per Section 20-30.040 “Creekside Development”, of the Santa Rosa City Code. Bridges for motor vehicles, pedestrians, and/or bicycles, and/or public utility infrastructure may cross through a waterway setback area and over or under its channel, provided that the installation has received all required approvals from the City.

**Valley oak riparian woodland.** Valley oak riparian woodland occupies approximately 1.96 acres in the Project Area. Valley oak riparian woodland forms a contiguous canopy along the banks of Roseland Creek. This community was mapped in accordance with CNPS (2017b) as having valley oak greater than 30 percent relative cover in the tree canopy with other tree species present. The overstory is dominated by large, mature valley oak trees, with a middlestory composed of various native trees tolerant of winter flooding and/or a high water table, including valley oak, arroyo willow (*Salix lasiolepis*), and Oregon ash. The understory is dominated by woody vine/shrub species including non-native invasive Himalayan blackberry (*Rubus armeniacus*), with other native species present including poison oak (*Toxicodendron*
diversilobum), and snowberry (Symphoricarpos albus). Understory herbs are scarce, and mostly restricted to steep banks, and the stream edge. Valley oak woodland is reported by the CDFW with a rarity ranking of G3, S3 (CNPS 2017), indicating that it is considered vulnerable globally and in California. This community would therefore be considered sensitive and must be evaluated under CEQA (CCR Title 14, Div. 6, Chap. 3). Valley oak riparian woodland is also considered a sensitive community under Section 1602 of the CFGC, and this community also contains many individual trees protected per the City of Santa Rosa Tree Ordinance. Any tree removal deemed necessary for construction of the proposed trail will likely require a tree removal permit from the City of Santa Rosa. Any development within this community, including but not limited to trail construction will require a CDFW permit.

**Riparian wetland.** The Project Area contains approximately 0.10 acre of riparian wetland within the Project Area, in-line and directly adjacent to Roseland Creek. The riparian wetland is located in the downstream portion of Roseland Creek, adjacent to Burbank Avenue where the stream flows off of the site through a box culvert underneath Burbank Avenue. The culvert appears to be functioning as a sediment trap which backs up stream flows enough to cause conditions below the OHWM, in-line with the stream. Standing water and wetland vegetation was also observed in an approximately 9-foot wide backflow, scour channel on the north side of the main creek channel. The riparian wetland within the Project Area contained standing water to a depth of 2 inches or greater during the time of the site visit, and was dominated by perennial emergent marsh vegetation including Northern water plantain (Alisma triviale), Santa Barbara sedge (Carex barbarae), and curly dock (Rumex crispus). Areas mapped as riparian wetland are considered jurisdictional under Section 404 of the CWA. Additionally, due to its position adjacent to or in-line with the intermittent stream, the riparian wetland is likely to be considered jurisdictional under Section 1602 of the CFGC, as riparian habitat.

**Purple needlegrass grassland.** Purple needlegrass grassland occupies approximately 0.45 acre in the southern portion of the Project Area. This community was mapped within the Project Area in accordance with CNPS (2017b) as containing purple needle grass (Stipa [Nassella] pulchra) greater than 10 percent relative cover of the herbaceous layer. Within the Project Area, this community is dominated by purple needlegrass at approximately 45 percent relative cover with other predominantly non-native grasses and forbs including slim oat (Avena barbata), spring vetch (Vicia sativa), hairy cats ear (Hypochaeris radicata), rose clover (Trifolium hirtum), and Spanish lotus (Acmispon americanus var. americanus). Purple needlegrass grassland is reported by the CDFW with a rarity ranking of G4, S3? (CDFW 2017), indicating that it is apparently secure globally, but vulnerably in California. Although, the purple needlegrass community is relatively disturbed, likely mowed annually or semi-annually, and contains a low diversity of associated native forbs, this community could potentially be considered sensitive under CEQA, due to its sensitivity ranking.

### 4.2 Special-Status Species

#### 4.2.1 Special-Status Plants

Based upon a review of the resources and databases listed in Section 3.2.1 for the Santa Rosa, Healdsburg, Sebastopol, Two Rock, Cotati, Glen Ellen, Kenwood, Calistoga, and Mark West Springs 7.5-minute USGS quadrangles, it was determined that 89 special-status plant species have been documented from the vicinity of the Project Area; special-status plant species documented from within 5 miles of the site are shown in Appendix A - Figure 3. Of the 89 special-status species documented, two were determined to have a moderate potential to occur in the
Project Area, and are described in Table 3, below. The remaining 87 special-status plant species are either unlikely or have no potential to occur within the Project Area for one or more of the following reasons:

- The Project Area has been repeatedly and intensively altered from a natural state, by development, agricultural conversion, discing, or mowing, thereby eliminating the seedbank or diminishing establishment of the special-status plant(s);
- The Project Area does not contain hydrologic conditions (e.g., perennial saline, freshwater marshes and swamps) necessary to support the special-status plant(s);
- The Project Area does not contain edaphic (soil) conditions (e.g., serpentine or volcanic substrate) necessary to support the special-status plant(s);
- The Project Area does not contain vegetation communities (e.g., chaparral, coastal scrub, vernal pools) associated with the special-status plant(s);
- Very unique pH characteristics, such as alkali wetlands are absent from the Project Area;
- Competition from vigorous non-native invasive species (e.g. non-native annual grasses), likely precludes the species’ ability to persist on-site;
- This species was not observed during the site visit which was conducted during the bloom period of the species.

Table 3. Special-status Plant Species with Potential to occur in the Project Area.

<table>
<thead>
<tr>
<th>SPECIES / STATUS</th>
<th>HABITAT REQUIREMENTS</th>
<th>POTENTIAL TO OCCUR IN THE PROJECT AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sonoma alopecurus Alopecurus aequalis var. sonomensis FE, Rank 1B</td>
<td>Marshes and swamps (freshwater), riparian scrub. Elevation ranges from 20 to 1200 feet. Blooms May-Jul.</td>
<td>Not Observed (originally assessed: Moderate Potential). The Project Area contains potentially suitable riparian habitat which could support this species. However, this species was not observed during a protocol-level survey conducted during the species’ bloom period.</td>
</tr>
<tr>
<td>congested-headed hayfield tarplant Hemizonia congesta ssp. congesta Rank 1B</td>
<td>Chaparral, cismontane woodland/volcanic, rocky. Elevation ranges from 390 to 2100 feet (120 to 640 meters). Blooms Feb-Jun.</td>
<td>Not Observed (originally assessed: Moderate Potential). The Project Area contains potentially suitable grassland habitat that may support this species. This species is relatively disturbance-tolerant and may not be precluded by historic and current disturbance regime in the Project Area. However, this species was not observed during a protocol-level survey conducted during the species’ bloom period.</td>
</tr>
</tbody>
</table>

Federally Listed Species that Occur in the Region which are Unlikely to Occur in the Project Area

All listed plant species covered by the Santa Rosa Plain PBO, Burke’s goldfields, Sonoma sunshine, and Sebastopol meadowfoam are unlikely to occur within the Project Area due to a lack of vernal pool habitat, lack of suitable hydrology (i.e. extended ponding), prior disturbance (i.e. agricultural conversion, annual mowing). Moreover, Burke’s goldfields, and Sebastopol meadowfoam were not observed during the initial May 27, 2017 site visit which was conducted during their documented bloom period. Both species were observed in bloom at a documented reference site just five days after the site visit, confirming their phenology would have been
identifiable during the time of the site visit. However, as a conservative measure, due to the presence of semi-mesic grassland and valley oak woodland observed during the 2017 site visit, a second round of protocol-level surveys for these species were conducted in 2018. Surveys were conducted by WRA botanists, Rhiannon Korhummel, Scott Yarger, and Scott Batiuk in March, April, and May of 2018. The March and April surveys were conducted by Rhiannon Korhummel, and the May survey was conducted by Scott Yarger and Scott Batiuk. No special-status plants were encountered during the surveys, and special-status plant species are presumed absent.

4.2.2 Special-Status Wildlife

A total of 36 special-status wildlife species are known in the vicinity based upon review of the resources and databases; special-status wildlife species documented from within 5 miles of the site are shown in Appendix A – Figure 4. Of these wildlife species, 12 have moderate or high potential to occur within the Project Area. Special-status wildlife species with potential to occur include seven species of bat, four species of birds, and western pond turtle (WPT; *Actinemys marmorata*). These species may be affected both directly and indirectly by project activities if present.

The diversity of vegetation within the Project Area provides a variety of suitable conditions for nesting and foraging by both special-status and non-special-status birds. Vegetation communities including non-native grassland, purple needlegrass grassland, and valley oak woodland may provide suitable habitat to support nesting birds. Table 4 identifies special-status birds which have been documented in the area and have a moderate to high potential to nest within the Project Area.

Table 4. Special-Status Birds with Potential to Nest within the Project Area

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Protection Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Selasphorus sasin</em></td>
<td>Allen’s hummingbird</td>
<td>USFWS Bird of Conservation Concern</td>
</tr>
<tr>
<td><em>Picoides nuttalli</em></td>
<td>Nuttall’s woodpecker</td>
<td>USFWS Bird of Conservation Concern</td>
</tr>
<tr>
<td><em>Elanus leucurus</em></td>
<td>white-tailed kite</td>
<td>California Fully Protected Species</td>
</tr>
<tr>
<td><em>Icteria virens</em></td>
<td>yellow-breasted chat</td>
<td>CDFW Species of Special Concern</td>
</tr>
</tbody>
</table>

In addition to the special-status bird species noted above, non-status nesting birds are protected under the Migratory Bird Treaty Act (MBTA) and by California Fish and Game Codes (CFGC). Birds may nest in trees, brush, shrubs and grasslands within or adjacent to the Project Area. Nesting birds may be directly or indirectly affected by activities within the Project Area.

Seven special-status bat species also have a moderate potential to occur within the oak woodland, intermittent stream habitat, and abandoned structures within the Project Area. Table 5 outlines the species with potential to occur in the Project Area as well as their protection status.

Table 5. Special-Status Bat Species with Moderate Potential to Occur within the Project Area
<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Protection Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Myotis thysanodes</em></td>
<td>fringed myotis</td>
<td>WBWG High Priority</td>
</tr>
<tr>
<td><em>Lasiurus cinereus</em></td>
<td>hoary bat</td>
<td>WBWG Medium Priority</td>
</tr>
<tr>
<td><em>Myotis volans</em></td>
<td>long-legged myotis</td>
<td>WBWG High Priority</td>
</tr>
<tr>
<td><em>Antrozous pallidus</em></td>
<td>pallid bat</td>
<td>CDFW Species of Special Concern, WBWG High Priority</td>
</tr>
<tr>
<td><em>Corynorhinus townsendii</em></td>
<td>Townsend’s big-eared bat</td>
<td>CDFW Species of Special Concern, WBWG High Priority</td>
</tr>
<tr>
<td><em>Lasiurus blossevillii</em></td>
<td>western red bat</td>
<td>CDFW Species of Special Concern, WBWG High Priority</td>
</tr>
<tr>
<td><em>Myotis yumanensis</em></td>
<td>Yuma myotis</td>
<td>WBWG Low Priority</td>
</tr>
</tbody>
</table>

Additionally, one special-status herptile species has a moderate potential to occur within the Project Area’s riparian habitat and is listed below in Table 6.

Table 6. Herptile Species with Moderate Potential to Occur within the Project Area
<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Protection Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Actinemys marmorata</em></td>
<td>western pond turtle</td>
<td>CDFW Species of Special Concern</td>
</tr>
</tbody>
</table>

Federally Listed Species that Occur in the Region which are Unlikely to Occur in the Project Area

Although the Project Area is within designated critical habitat (the “Santa Rosa Plain Unit”; USFWS 2016) for California tiger salamander (*CTS; Ambystoma californiense*), this species is unlikely to occur in the Project Area, due to the lack of suitable wetland breeding habitat, lack of suitable upland dispersal and aestivation habitat and significant barriers to dispersal between the Project Area and the nearest documented extant breeding occurrence of the species.

While surrounded on three sides by “Heavily Urbanized Areas”, the Project Area and neighboring properties to the south are mapped within the “Core Area” for CTS by the USFWS (2016), albeit at the periphery of this area. However, several factors indicate that the species is unlikely overall to occur there. At the time of the site visit, small mammal burrows, the typical subterranean refugia for CTS, were not observed. The nearest documented CTS occurrence in CNDDB is located approximately 0.6-mile to the south of the Project Area, south of Hearn Avenue; this occurrence involved an adult CTS that was found along the road in 2003 (CDFW 2018). The nearest documented breeding occurrence/habitat is located approximately 0.7-mile to the southwest (CDFW 2018), though this site has become isolated by urban development. The next-nearest breeding occurrence is at Southwest Community Park approximately 0.75-mile to the...
south of the Project Area, south of Hearn Avenue (CDFW 2018). As per Trenham and Cook (2008), Hearn Avenue and directly associated infrastructure (e.g., storm drains) provides a barrier to CTS movement. The Project Area does not provide any wetlands or seasonal aquatic features suitable for CTS breeding, and as such the persistence of a population there and on adjacent properties north of Hearn Avenue is highly unlikely. As such, CTS is considered unlikely to occur within the Project Area.

The Project Area is, however, within designated critical habitat which typically applies regardless of habitat conditions and on-site presence/absence of the species unless USFWS removes the designation for this area. In that regard, the USFWS published guidance for interpretation of critical habitat in and around the urbanized centers of Santa Rosa, Bennett Valley, Rohnert Park, and Cotati, and in this final rule (Federal Register, Vol. 76, No. 169, 2011), the USFWS removed designation of critical habitat for urban centers, and isolated, remnant habitat areas surrounded by heavily urbanized areas. The guidance states that “the remnant natural habitat within those areas is limited to small, isolated parcels within a matrix of urban development. These areas are not included in the final rule because developed areas (lands covered by buildings, pavement, and other structures) lack the physical or biological features essential to the conservation of the species, according to section 3(5)(A) of the Act. We also do not consider the remnant open space within these city centers as essential for the conservation of the Sonoma California tiger salamander.” Under this final rule, it is our interpretation that the Project Area is most accurately classified as a partially developed remnant natural habitat area surrounded by a matrix of urban development (see Appendix A, Figure 7 - Santa Rosa Plain Conservation Strategy, “Enclosure 1”). Urban development directly adjacent to the Project Area has expanded since the publication of the aforementioned figure through the development of Roseland Creek Elementary school located across Burbank Avenue to the east.

In summary, the lack of breeding or aestivation habitat combined with several published materials referencing the improbability of CTS using the Project Area ultimately indicate that this species is unlikely to occur within the Project Area or be affected by its development. Moreover, the 2011 USFWS final rule on critical habitat indicate that the Project Area should not be considered critical habitat, and no formal permit from the USFWS or mitigation for impacts to critical habitat should be required.

4.3 Protected Trees

The Project Area contains several native trees that are large enough to be considered “heritage” trees per Chapter 17-24, “Trees” of the Santa Rosa City Code (Tree Ordinance). WRA’s ISA-Certified Arborist conducted a heritage tree survey and identified 355 heritage trees within the immediate vicinity of Project improvements (Appendix A – Figure 5). A separate arborist report was prepared for the Project (WRA 2019). Potential impacts to heritage trees and recommendations to avoid or minimize impacts to heritage trees are provided below in the arborist report and summarized below.

5.0 SUMMARY AND RECOMMENDATIONS
Wetlands and Waters of the U.S., Riparian Habitat

Corps of Engineers, Regional Water Quality Control Board, and California Department of Fish and Wildlife

The Project Area contains riparian wetland, and intermittent stream which are likely to be considered jurisdictional waters of the U.S. All areas mapped as riparian wetland appear that they can potentially be avoided by routing project improvements around those features. However, the conceptual plan includes two potential footbridge crossings across Roseland Creek. It appeared that the locations of the proposed crossings may contain existing footbridges, although completely overgrown with invasive, Himalayan blackberry brambles. The Project has been designed to avoid impacts wetlands or areas below the OHWM of the creek. However, if impacts are proposed to wetlands, or areas below the OHWM or TOB of the stream, the following permits will likely be required:

- Corps Section 404 Nationwide Permit (OHWM, riparian wetland),
- RWQCB Section 401 Water Quality Certification (OHWM, riparian wetland),
- RWQCB Waste Discharge Requirements (TOB), and
- CDFW Section 1602 Streambed Alteration Agreement (TOB, riparian woodland, or riparian wetland)

Stream setbacks for new structures may apply per Section 20-30.040, “Creekside Development” of the Santa Rosa City Code. The setback area on either side of Roseland Creek is typically measured as 50 feet from the top of the highest bank of the creek. When the bank is steeper than 2.5:1, the setback is measured by projection of the slope of 2.5:1 from the toe of the stream bank to ground level above top of bank, plus 50 feet.

Removal or significant trimming of vegetation to facilitate pedestrian bridge construction, particularly woody trees within the valley oak riparian woodland will likely require a CDFW permit and require replacement mitigation for removed trees. Based on a preliminary impact analysis, it appears that trees one valley oak tree (tree #106) may require significant pruning within the riparian corridor (Figure 5). If mature trees within the riparian corridor require removal, they would require replacement mitigation as part of the CDFW permit. Replacement trees will likely be required at a ratio of 3 to 1 (trees replaced to trees removed) although the ultimate replacement ratio will be determined by CDFW.

A habitat mitigation and monitoring plan (HMMP) should be developed to compensate for removal of riparian trees. Replacement plantings should be sited in non-native annual grassland habitat adjacent to valley oak riparian woodland with the intention of filling in gaps in existing riparian woodland habitat, and/or expanding the extent of riparian habitat within the Project Area. The Plan shall include: 1) a plant palette of species/quantity riparian species to be planted; 2) approximate area of temporary and permanent riparian impacts; 3) a map showing restoration locations, area dimensions, and riparian enhancement methods; and 5) performance standards, monitoring and reporting programs, and corrective actions to be taken when enhancement measures do not meet performance standards.

Purple Needlegrass Grasslands

The Project Area contains a robust stand of native purple needlegrass grassland which is potentially considered sensitive under the CEQA, and may require mitigation if significant impacts to these grasslands occur through Project implementation. Purple needlegrass grasslands are
mapped within the Project Area as containing purple needlegrass greater than approximately 45 percent relative cover of the herbaceous layer. A small impact to this resource, such as a trail through this community may be found to be non-significant with no or minimal mitigation required upon further CEQA review. However, the draft Concept Plan shows a multi-use turf within this area which could potentially result in conversion of the community. If impacts to purple needlegrass grasslands from the proposed Project are considered significant under the CEQA, we present the following options to avoid, minimize, and/or mitigate impacts to a less than significant level.

The first option is to protect stands of preserved native purple needlegrass grassland from construction and operational impacts. The second option would be to reestablish stands of native purple needlegrass grasslands lost to project development. All areas impacted by project development in which native grasslands comprise more than 10 percent of the ground cover should be restored. Native grassland stands impacted by the proposed Project should be restored at a minimum 1:1 ratio of lost to restored native grassland acreage, however, a lower mitigation ratio may be accepted due in part to the lack of a strong diverse native forb community associated with this resource. The mitigation ratio should take into account the percent cover of native grasses in impacted stands. For example, if the entire 0.45 acre stand of purple needlegrass grassland with approximately 45 percent relative purple needlegrass cover is being removed, the restored 0.45 acre of purple needlegrass grassland should be restored to a minimum of 45 percent cover.

Protected Trees

The Project has been designed to avoid impacts to heritage trees through a variety of measures including siting trails and project improvements away from significant heritage trees, and use of elevated boardwalk structures to avoid compaction within adjacent tree root zones. However, a total of four heritage trees have been identified as potentially needing to be removed to accommodate the proposed project plans, i.e. they are directly in-line with trail alignments and/or paved surfaces. Heritage trees which will potentially be removed are all valley oak ranging in size from 9 inches to 18.1 inches DBH. In addition, a total of 18 heritage trees may require pruning as they are located directly adjacent to planned improvements including trail alignments or paved surfaces. Potential impacts to the canopy or root system could include damage to branches or trunk during construction, ripping or tearing roots during subgrade excavation, or smothering roots due to soil compaction or grade fills. These types of injuries can lead to reduced tree vigor, increased susceptibility to pathogens or pests, or in severe cases eventual tree decline or death.

A tree removal permit may be required for any alteration, removal or relocation of heritage, protected or street trees. The City of Santa Rosa may require replacement plantings as a condition of approval in order to mitigate for the loss of functions provided by trees to be removed including shade, erosion control, groundwater replenishment, visual screening, and wildlife habitat. Replacement trees shall be planted in accordance with the following criteria from the Ordinance:

- For each 6 inches or fraction thereof of the diameter of a tree which was approved for removal, two trees of the same genus and species as the removed tree (or another species, if approved by the City), each of a minimum 15-gallon container size, shall be planted on the project site, provided however, that an increased number of smaller size trees of the same genus and species may be planted if approved by the City, or a fewer number of such trees of a larger size if approved by the City.
If the development site is inadequate in size to accommodate the replacement trees, the trees shall be planted on public property with the approval of the Director of the City’s Recreation and Parks Department. Upon the request of the developer and the approval of the Director, the City may accept an in-lieu payment of $100.00 per 15-gallon replacement tree on condition that all such payments shall be used for tree-related educational projects and/or planting programs of the City.

Wildlife that will need to be protected if any trees are removed include birds and bats. The nesting season of birds is generally considered to be between February 1 through August 15. If construction, woody or herbaceous vegetation removal, or initial ground disturbance commences during the nesting season, then a pre-construction nesting bird survey should be completed by a qualified biologist no more than 14 days prior to the start of work. If active nests are observed during the pre-construction surveys, project activities will avoid the area as determined by a qualified biologist and resume only after the young have fledged the nest or the nest otherwise becomes inactive.

It is recommended, if possible, that any trees or standing snags (i.e. dead standing trees) needing to be removed should be taken down outside of the bat maternity roosting season which is from April 1 through August 15. The optimum work window for tree removal which avoids maternity season and hibernation period for bats, and nesting season for birds is between August 31 and Oct 15. If tree removal is necessary during the maternity season (between April 1 and August 15), pre-construction surveys for bat maternity roosts should be conducted by a qualified biologist no less than 14 days prior to removal of trees, or snags within the Project Area. If special-status bat species are detected during surveys, appropriate species avoidance and minimization measures should be developed, such as following the removal of any tree, at any time of year, that tree should be allowed to lay undisturbed for one night to allow any roosting bats to leave the tree or snag before chipping, grinding or off-hauling, and/or other measures.

In addition to the heritage trees anticipated to be removed, the Project will include trail construction within the root zones (defined by the Tree Ordinance as the outer extent of the tree dripline, plus 10 feet) of heritage trees to be preserved, and may require pruning of one heritage valley oak tree (tree #106) within the riparian corridor. In order to avoid and minimize any further damage to existing trees the following measures are recommended during the Project construction where construction activities overlap with heritage tree root zones:

- A Tree Protection Zone (TPZ) equal to the dripline radius plus 10 feet shall be the standard TPZ for heritage trees selected for preservation in which ground disturbance shall be limited to the maximum extent feasible.
- Where possible, temporary protective fencing shall be installed around the TPZ of each tree designated for preservation prior to commencement of any construction activity conducted within 25’ of the TPZ, of a tree designated for preservation.
- Many existing trees in the Project Area selected for preservation are situated too close to project improvements (e.g. trail alignments), where fencing around the TPZ is infeasible. In those cases, high visibility temporary fencing shall be wrapped around the tree trunk to signify the tree is to be saved and to alert machine operators to avoid damaging the tree. Extreme caution shall be taken to avoid mechanical injury to tree trunks, scaffold branches and root flares. As soon as required work is complete within the TPZ, temporary protective fencing shall be installed around the TPZ and shall remain in place as long as ground disturbance activities are taking place.
- The fence shall consist of highly visible material (e.g. orange safety fencing) to prevent inadvertent encroachment by heavy machinery. Heavy equipment use, excavation, fill,
grading, trenching, drainage changes or other soil disturbance shall be limited within the TPZ. Material storage, vehicle parking, and trash disposal shall not occur within the TPZ.

- Grading and soil compacting shall be restricted within the TPZ to the maximum extent feasible. If any significant roots (2 inch diameter or greater) are uncovered within the TPZ they shall be kept moist at all times with use of damp burlap fabric, and buried as soon as feasible.
- Grading and/or trail construction within the TPZ of heritage trees shall be monitored periodically by a Certified Arborist. All necessary tree work should be performed by an ISA-Certified Arborist or comparable tree specialist. Improper pruning can be harmful to health and structure of trees. No tree pruning will be permitted unless approved by a Certified Arborist. Any pruning of existing trees shall be performed by a licensed tree care professional and shall comply with the ANSI A300 standards and International Society of Arboriculture (ISA) Best Management Practices for Tree Pruning. All tree pruning tools must be cleaned prior to and after use. All branches being removed shall be cut to, but not beyond, the branch collar. All pruning shall be done in a way that maintains the balance and structure of the tree.
- Site drainage should be designed to create positive drainage away from the trunk of preserved trees, and to prevent ponding within the TPZ. Supplemental irrigation of 1 to 2 inches monthly, may be necessary within the TPZ of preserved trees during construction within the dry season.

Rare Plant Surveys

Eighty-nine special-status plant species have been documented within the vicinity of the Project Area. Two special-status plant species, Sonoma alopecurus, and congested-headed hayfield tarplant, were initially determined to have a moderate potential to occur within the Project Area, due to the presence of suitable habitat, proximity to documented occurrences, and relative tolerance of the disturbance regime (in the case of congested-headed hayfield tarplant).

The Project Area does not contain suitable habitat for listed plant species covered by the Santa Rosa Plain PBO, Burke’s goldfields, Sonoma sunshine, and Sebastopol meadowfoam due to a lack of vernal pool and seasonal wetland habitat, lack of suitable hydrology (i.e. extended ponding), prior disturbance (i.e. agricultural conversion, development, repeated mowing or discing). Although the Project Area does contain riparian wetland habitat, riparian wetlands within the Project Area are characterized by perennial emergent marsh conditions which does not represent suitable habitat for these species. Moreover, Burke’s goldfields, and Sebastopol meadowfoam were not observed during the site visit which was conducted during their documented bloom period. No further surveys are recommended for Santa Rosa Plain covered species.

Despite the lack of suitable habitat within the Project Area, protocol-level surveys for listed species were conducted as a conservative measure in March, April, and May 2018. The surveys did not encounter any special-status plants, and these species are considered not present within the Project Area.

Non-native Grassland

Non-native grassland areas have relatively few constraints. These are not sensitive habitat areas and preliminary assessment has determined that only one special-status plant, congested-headed hayfield tarplant has potential to occur within this community. Protocol-level surveys for
this species were conducted in 2017 during the species’ bloom period and this species was not found. Special-status wildlife species are also unlikely to be present. There is the possibility that ground-nesting birds may nest in open, grassland, or ruderal areas. However pre-construction surveys conducted during any work planned in the nesting season (February 1 through August 15) would avoid impacts to any potential nests. Special-status herptile species discussed in sections below could utilize margins of open areas along Roseland creek, but species-specific surveys and avoidance measures (also discussed below) could be conducted to avoid impacts. Therefore, non-native grassland areas provide the second best option for development, following previously developed/landscaped areas as described below.

**Nesting Birds**

Due to the diverse nature of vegetation within the Project Area and subsequent potential for nesting habitat, it is recommended that vegetation removal and initial site grading occur outside of the nesting season. The nesting season is generally defined as February 1 through August 15. If construction, woody or herbaceous vegetation removal, or initial ground disturbance commences during the nesting season (February 1 through August 15), a pre-construction nesting bird survey should be completed by a qualified biologist no more than 14 days prior to the start of work. If active nests are observed during the pre-construction surveys, project activities will avoid the area as determined by a qualified biologist and resume only after the young have fledged the nest or the nest otherwise becomes inactive.

**Special-status Bats**

The Project Area contains uninhabited buildings that may provide roost structures to special-status bat species documented in the vicinity: fringed myotis, hoary bat, long-legged myotis, pallid bat, Townsend’s big-eared bat, western red bat, and Yuma myotis. At the time of the site visit, one uninhabited residence was boarded at typical points of entry. However, vents were not blocked and bats are known to use buildings’ relatively small entry and egress points. Any planned demolition of these buildings could potentially impact bat species that may use them as a roost. These activities could result in the direct removal or destruction of the maternity roost. These activities may also create audible, vibratory and/or visual disturbances which cause maternity roosting bats to abandon their roost site.

WRA recommends the following measures be implemented to avoid impacts to special-status bat species:

- **Pre-construction roost assessment survey:** A qualified biologist should conduct a roost assessment survey of uninhabited residences located within the Project Area. The survey will assess use of the structure for roosting as well as potential presence of bats. If the biologist finds no evidence of, or potential to support bat roosting, no further measures are recommended. If evidence of bat roosting is present, additional measures described below should be implemented:
  - **Work activities outside the maternity roosting season:** If evidence of bat roosting is discovered during the pre-construction roost assessment and demolition is planned August 1 through February 28 (outside the bat maternity roosting season), a qualified biologist should implement passive exclusion measures to prevent bats from re-entering the structures. After sufficient time to allow bats to escape and a follow-up survey to determine if bats have vacated the roost, demolition may continue and impacts to special-status bat species will be avoided.
- **Work activities during the maternity roosting season:** If a pre-construction roost assessment discovers evidence of bat roosting in the uninhabited residences during the maternity roosting season (March 1 through July 31), and determines maternity roosting bats are present, demolition of maternity roost structures will be avoided during the maternity roosting season or until a qualified biologist determines the roost has been vacated.

- **Special-status Herptiles**

  WPT has a moderate potential to occur within the Project Area but only associated with Roseland Creek and the riparian wetland habitat. If present, WPT would only occur within Roseland Creek or the adjacent riparian wetland habitat. At the time of this report, no in-water work is proposed within the Project Area’s aquatic habitats. However, the following are typical measures intended to prevent and/or avoid impacts to WPT during work in or adjacent to the aquatic features they inhabit.

  **Western pond turtle**

  WPT has a moderate potential of occurring in the intermittent stream and riparian wetland habitat within the Project Area. To avoid impacting this species of special concern, a pre-construction survey is recommended to determine if the species is present within work impact areas. If no in-water work is proposed, no pre-construction survey is required. However, if there is in-water work, a pre-construction survey should be completed within 24 hours prior to commencement of work to locate any WPT nests. If no WPT nests are located, the work may proceed without further actions. If active WPT nests are found within the work area, CDFW should be consulted to determine if individuals may be relocated to outside the work area.

  **California tiger salamander – Avoidance and Minimization**

  As described above, CTS is unlikely to occur in the Project Area, due to the lack of suitable wetland breeding habitat, lack of suitable upland dispersal and aestivation habitat (i.e., small mammal burrows) and significant barriers to dispersal between the Project Area and the nearest documented extant breeding occurrence of the species. The City of Santa Rosa, as applicant, has chosen to avoid federal nexus (i.e., no impacts to Wetlands and Waters of the U.S.) that would invoke Section 7 consultation for the Project.

  The Project Area does not contain aquatic habitat inundated to depths or for time periods long enough for CTS breeding, nor did it contain small mammal burrows typical of CTS upland habitat at the time of the May 2 site visit; however, the Project Area is within 0.5 mile of documented breeding occurrences of CTS and is designated in the Conservation Strategy as potential for CTS, However, as a conservative measure, due to the proximity to documented occurrences of the species, and the location of the Project Area within critical habitat, avoidance and minimization measures are recommended, as described below. The Conservation Strategy recommends the following avoidance and habitat mitigation measures, however consultation with the USFWS and CDFW will be necessary to determine final minimization measures and habitat compensation amounts for impacts to CTS and its habitat.

  - No ground disturbing activities shall be conducted during the wet season (October 15 through April 14) when CTS are likely to move through the Project Area.
  - In addition to the seasonal work restriction described above, no ground disturbing activities shall occur within 48 hours of a rain event (defined as 0.25 inch or greater
within a 24-hour period), and no night work shall be allowed, as CTS are more likely to leave refugia and move during such rain events, and/or during nighttime.

California tiger salamander – Mitigation for Upland Dispersal Habitat

While CTS is considered unlikely to be present within the Project Area based on evidence presented in this assessment report, the Project Area is within designated critical habitat for CTS. Therefore, all non-hardscaped upland areas within the Project Area including non-native grassland, disturbed valley oak woodland, riparian wetland, intermittent stream, purple needlegrass grassland, valley oak riparian woodland, and the non-hardscaped portion of the developed/landscaped community are considered potential non-breeding habitat for CTS, and impacts to these habitats may require mitigation for loss of CTS dispersal habitat. Impacts to potential CTS upland dispersal habitat areas are shown in Appendix A – Figure 6.

Based upon the Conservation Strategy and PBO, the appropriate mitigation ratio for upland habitat mitigation in this area is one (1.0) acres of mitigation for every one (1.0) acre of impact, (see Appendix A - Figure 7). As shown in Appendix A – Figure 6, the Project will potentially impact approximately 1.37 acre of CTS upland dispersal habitat, potentially requiring 1.37 acre of mitigation credits for impacts to CTS upland habitat. Mitigation is generally recommended to occur within the same area where impacts are taking place or mitigation bank credits may be purchased from an approved mitigation bank. In this case, the Project Area lies within the Southwest Santa Rosa Preserve System conservation area, southeast from Wright, northeast from Llano, and directly north from Stony Point conservation areas. As stated in the Conservation Strategy, considering the developed nature of the Southwest Santa Rosa Preserve System, other conservation areas are recommended for mitigation. Therefore, the areas recommended to mitigate for habitat lost within the Project Area would be the Wright, Llano, or Stony Point Conservation Areas. Although the Conservation Strategy and PBO provide guidelines for habitat mitigation within the Santa Rosa Plain, final habitat mitigation ratios and location of mitigation lands will be determined during Section 7 Endangered Species Act and CESA consultation with the USFWS and CDFW. It could be determined during that process that no impacts will occur to CTS and that no mitigation will be necessary.
6.0 REFERENCES


Best, C, JT Howell, W Knight, I Knight, and M Wells. 1996. A Flora of Sonoma County: Manual of the Flowering Plants and Ferns of Sonoma County, California. CNPS.


Holland, RF. 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California. Prepared for the California Department of Fish and Game, Sacramento, CA.


[USDA] U.S. Department of Agriculture, Soil Conservation Service. 1972. Soil Survey of Sonoma County, California. In cooperation with the University of California Agricultural Experiment Station.


APPENDIX A

PROJECT FIGURES
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Figure 1. Regional Location Map

Roseland Creek Community Park
Sonoma County, California

Path: L:\Acad 2000 Files\26000\26067\GIS\ArcMap\Fig 1 Location.mxd
Figure 2. Biological Communities within the Project Area

Roseland Creek Community Park
Sonoma County, California

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Figure 3. Special-status Plants Documented within 5 Miles of the Project Area

Roseland Creek Community Park
Sonoma County, California

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Figure 4. Special-status Wildlife Documented within 5 Miles of the Project Area

Roseland Creek Community Park
Sonoma County, California

Path: L:\Acad 2000 Files\26000\26067\GIS\ArcMap\Fig 2 CNDDB wildlife.mxd
Roseland Creek
Community Park
Sonoma County, California

Figure 5. Heritage Tree Survey

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Map Prepared Date: 2/21/2019
Map Prepared By: smortensen
Base Source: Esri - Santa Rosa 2015
Data Source(s): WRA
Figure 6. Impacts to CTS Upland Dispersal Habitat

Roseland Creek Community Park
Sonoma County, California

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Figure 7. Excerpted from Programmatic Biological Opinion (USFWS 2007).
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APPENDIX B

LIST OF OBSERVED PLANT AND WILDLIFE SPECIES
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<table>
<thead>
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<th>Family</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Origin</th>
<th>Form</th>
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<th>CAL-IPC Status²</th>
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<td>Alismataceae</td>
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<td>Common Name</td>
<td>Origin</td>
<td>Form</td>
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<td><em>Quercus agrifolia</em></td>
<td>Coast live oak</td>
<td>native</td>
<td>tree</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Fagaceae</td>
<td><em>Quercus lobata</em></td>
<td>Valley oak</td>
<td>native</td>
<td>tree</td>
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<tr>
<td>Geraniaceae</td>
<td><em>Geranium dissectum</em></td>
<td>Wild geranium</td>
<td>non-native (invasive)</td>
<td>annual herb</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Juglandaceae</td>
<td><em>Juglans hindsii</em></td>
<td>Northern California black walnut</td>
<td>native</td>
<td>tree</td>
<td>Rank 1B.1*</td>
<td>-</td>
</tr>
<tr>
<td>Family</td>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Origin</td>
<td>Form</td>
<td>Rarity Status</td>
<td>CAL-IPC Status</td>
</tr>
<tr>
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</tr>
<tr>
<td>Juncaceae</td>
<td><em>Juncus bufonius</em></td>
<td>Common toad rush</td>
<td>native</td>
<td>annual grasslike herb</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Juncaceae</td>
<td><em>Juncus patens</em></td>
<td>Rush</td>
<td>native</td>
<td>perennial grasslike herb</td>
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<tr>
<td>Lamiaceae</td>
<td><em>Stachys sp.</em></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Lythraceae</td>
<td><em>Lythrum hyssopifolia</em></td>
<td>Hyssop loosestrife</td>
<td>non-native</td>
<td>annual, perennial herb</td>
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</tr>
<tr>
<td>Malvaceae</td>
<td><em>Malva sp.</em></td>
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<td>-</td>
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<tr>
<td>Myrtaceae</td>
<td><em>Eucalyptus camaldulensis</em></td>
<td>Red gum</td>
<td>non-native</td>
<td>tree</td>
<td>-</td>
<td>Limited</td>
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<tr>
<td>Myrtaceae</td>
<td><em>Eucalyptus globulus</em></td>
<td>Blue gum</td>
<td>non-native</td>
<td>tree</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Oleaceae</td>
<td><em>Fraxinus latifolia</em></td>
<td>Oregon ash</td>
<td>native</td>
<td>tree</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Oleaceae</td>
<td><em>Ligustrum lucidum</em></td>
<td>Glossy privet</td>
<td>non-native</td>
<td>tree, shrub</td>
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<tr>
<td>Orobancheae</td>
<td><em>Parentucellia viscosa</em></td>
<td>Yellow parentucellia</td>
<td>non-native</td>
<td>annual herb</td>
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<tr>
<td>Papaveraceae</td>
<td><em>Eschscholzia californica</em></td>
<td>California poppy</td>
<td>native</td>
<td>annual, perennial herb</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Family</td>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Origin</td>
<td>Form</td>
<td>Rarity Status</td>
<td>CAL-IPC Status</td>
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<tr>
<td>Papaveraceae</td>
<td><em>Fumaria</em> sp.</td>
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<td>-</td>
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<tr>
<td>Pinaceae</td>
<td><em>Pinus radiata</em></td>
<td>Monterey pine</td>
<td>native</td>
<td>tree</td>
<td>Rank 1B.1*</td>
<td>-</td>
</tr>
<tr>
<td>Plantaginaceae</td>
<td><em>Plantago lanceolata</em></td>
<td>Ribwort</td>
<td>non-native (invasive)</td>
<td>perennial herb</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Avena barbata</em></td>
<td>Slim oat</td>
<td>non-native (invasive)</td>
<td>annual, perennial grass</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Briza maxima</em></td>
<td>Rattlesnake grass</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Briza minor</em></td>
<td>Little rattlesnake grass</td>
<td>non-native</td>
<td>annual grass</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Bromus catharticus</em></td>
<td>Rescue grass</td>
<td>non-native (invasive)</td>
<td>annual, perennial grass</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Poaceae</td>
<td><em>Bromus diandrus</em></td>
<td>Ripgut brome</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Bromus hordeaceus</em></td>
<td>Soft chess</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
<td>-</td>
<td>Limited</td>
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<tr>
<td>Poaceae</td>
<td><em>Bromus racemosus</em></td>
<td>Smooth brome</td>
<td>non-native</td>
<td>perennial grass</td>
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<tr>
<td>Poaceae</td>
<td><em>Danthonia californica</em></td>
<td>California oatgrass</td>
<td>native</td>
<td>perennial grass</td>
<td>-</td>
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<tr>
<td>Poaceae</td>
<td><em>Elymus glaucus</em></td>
<td>Blue wildrye</td>
<td>native</td>
<td>perennial grass</td>
<td>-</td>
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<tr>
<td>Family</td>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Origin</td>
<td>Form</td>
<td>Rarity Status¹</td>
<td>CAL-IPC Status²</td>
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<tr>
<td>Poaceae</td>
<td><em>Festuca arundinacea</em></td>
<td>Reed fescue</td>
<td>non-native</td>
<td>perennial grass</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Festuca bromoides</em></td>
<td>Brome fescue</td>
<td>non-native</td>
<td>annual grass</td>
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</tr>
<tr>
<td>Poaceae</td>
<td><em>Festuca myuros</em></td>
<td>Rattail sixweeks grass</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Festuca perennis</em></td>
<td>Italian rye grass</td>
<td>non-native</td>
<td>annual, perennial grass</td>
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</tr>
<tr>
<td>Poaceae</td>
<td><em>Hordeum brachyantherum</em></td>
<td>Meadow barley</td>
<td>native</td>
<td>perennial grass</td>
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<td>-</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Hordeum marinum</em> ssp.</td>
<td>Mediterranean barley</td>
<td>non-native (invasive)</td>
<td>annual grass</td>
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<td>Moderate</td>
</tr>
<tr>
<td></td>
<td><em>gussoneanum</em></td>
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<td>Poaceae</td>
<td><em>Phalaris aquatica</em></td>
<td>Hardinggrass</td>
<td>non-native</td>
<td>perennial grass</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Poaceae</td>
<td><em>Poa annua</em></td>
<td>Annual blue grass</td>
<td>non-native</td>
<td>annual grass</td>
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<tr>
<td>Poaceae</td>
<td><em>Stipa pulchra</em></td>
<td>Purple needlegrass</td>
<td>native</td>
<td>perennial grass</td>
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<tr>
<td>Polygonaceae</td>
<td><em>Rumex crispus</em></td>
<td>Curly dock</td>
<td>non-native</td>
<td>perennial herb</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Ranunculaceae</td>
<td><em>Ranunculus muricatus</em></td>
<td>Buttercup</td>
<td>non-native</td>
<td>annual, perennial herb</td>
<td>-</td>
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<tr>
<td>Rosaceae</td>
<td><em>Cotoneaster pannosus</em></td>
<td>Woolly cotoneaster</td>
<td>non-native</td>
<td>shrub</td>
<td>-</td>
<td>Moderate</td>
</tr>
<tr>
<td>Family</td>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Origin</td>
<td>Form</td>
<td>Status 1</td>
<td>CAL-IPC Status 2</td>
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<tr>
<td>Rosaceae</td>
<td><em>Crataegus monogyna</em></td>
<td>Hawthorn</td>
<td>non-native (invasive)</td>
<td>shrub</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Rosaceae</td>
<td><em>Prunus cerasifera</em></td>
<td>Cherry plum</td>
<td>non-native (invasive)</td>
<td>tree</td>
<td>-</td>
<td>Limited</td>
</tr>
<tr>
<td>Rosaceae</td>
<td><em>Rosa californica</em></td>
<td>California wild rose</td>
<td>native</td>
<td>shrub</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Rosaceae</td>
<td><em>Rosa sp.</em></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Rosaceae</td>
<td><em>Rubus armeniacus</em></td>
<td>Himalayan blackberry</td>
<td>non-native (invasive)</td>
<td>shrub</td>
<td>-</td>
<td>High</td>
</tr>
<tr>
<td>Rubiaceae</td>
<td><em>Galium aparine</em></td>
<td>Cleavers</td>
<td>native</td>
<td>annual herb</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Salicaceae</td>
<td><em>Populus nigra</em></td>
<td>Lombardy poplar</td>
<td>non-native</td>
<td>tree</td>
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<tr>
<td>Salicaceae</td>
<td><em>Salix lasiolepis</em></td>
<td>Arroyo willow</td>
<td>native</td>
<td>tree, shrub</td>
<td>-</td>
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<tr>
<td>Sapindaceae</td>
<td><em>Acer macrophyllum</em></td>
<td>Bigleaf maple</td>
<td>native</td>
<td>tree</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sapindaceae</td>
<td><em>Aesculus californica</em></td>
<td>Buckeye</td>
<td>native</td>
<td>tree</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*Monterey pine, and Northern California black walnut are not native to the Project Area. Both species has been widely planted and naturalized outside of their native ranges. CNPS rarity status only applies to native occurrences which are not found in the Project Area (CDFW 2017).

All species identified using the Jepson Manual II: Vascular Plants of California (Baldwin et al. 2012), A Flora of Sonoma County (Best et al. 1996) and Jepson eFlora (Jepson Flora Project [eds.] 2017); Nomenclature follows Jepson eFlora.

1 Rare Status: The CNPS Inventory of Rare and Endangered Plants (CNPS 2017a)

FE: Federal Endangered
 FT: Federal Threatened
 SE: State Endangered
 ST: State Threatened
SR: State Rare
Rank 1A: Plants presumed extirpated in California and either rare or extinct elsewhere
Rank 1B: Plants rare, threatened, or endangered in California and elsewhere
Rank 2A: Plants presumed extirpated in California, but more common elsewhere
Rank 2B: Plants rare, threatened, or endangered in California, but more common elsewhere
Rank 3: Plants about which we need more information – a review list
Rank 4: Plants of limited distribution – a watch list

Invasive Status: California Invasive Plant Inventory (Cal-IPC 2017)
High: Severe ecological impacts; high rates of dispersal and establishment; most are widely distributed ecologically.
Moderate: Substantial and apparent ecological impacts; moderate-high rates of dispersal, establishment dependent on disturbance; limited-moderate distribution ecologically
Limited: Minor or not well documented ecological impacts; low-moderate rate of invasiveness; limited distribution ecologically
Assessed: Assessed by Cal-IPC and determined to not be an existing current threat
<table>
<thead>
<tr>
<th>Common Name (status if applicable)</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BIRDS</strong></td>
<td></td>
</tr>
<tr>
<td>Anna’s hummingbird</td>
<td><em>Calypte anna</em></td>
</tr>
<tr>
<td>wild turkey</td>
<td><em>Meleagris gallopavo</em></td>
</tr>
<tr>
<td>black phoebe</td>
<td><em>Sayornis nigricans</em></td>
</tr>
<tr>
<td>turkey vulture</td>
<td><em>Cathartes aura</em></td>
</tr>
<tr>
<td><strong>REPTILES</strong></td>
<td></td>
</tr>
<tr>
<td>western fence lizard</td>
<td><em>Sceloporus occidentalis</em></td>
</tr>
<tr>
<td><strong>MAMMALS</strong></td>
<td></td>
</tr>
<tr>
<td>domestic cat</td>
<td><em>Felis catus</em></td>
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</table>
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APPENDIX C

POTENTIAL FOR SPECIAL-STATUS PLANT AND WILDLIFE SPECIES TO OCCUR IN THE PROJECT AREA
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Appendix C. Potential Special-Status Plant and Wildlife Species Table. Special status plant and wildlife species table with the potential to occur within the vicinity of the Project Area (Santa Rosa, Healdsburg, Sebastopol, Two Rock, Cotati, Glen Ellen, Kenwood, Calistoga, and Mark West Springs USGS 7.5' topographic quadrangles) Results include database searches of California Native Plant Society (CNPS) Rare and Endangered Plant Inventory, California Natural Diversity Database (CNDDB, CDFW) as well as U.S. Fish and Wildlife Service Threatened and Endangered Species Lists and Santa Rosa Plain Conservation Strategy (2005), Santa Rosa Plain Programmatic Biological Opinion (2007).

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>STATUS*</th>
<th>HABITAT</th>
<th>POTENTIAL FOR OCCURRENCE**</th>
<th>RECOMMENDATIONS***</th>
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<tbody>
<tr>
<td><strong>Plants</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Franciscan onion</td>
<td>Rank 1B.2</td>
<td>Cismontane woodland, valley and foothill grassland/clay, volcanic, often serpentine. Elevation ranges from 170 to 980 feet. Blooms (Apr), May-Jun.</td>
<td><strong>No Potential.</strong> The Project Area lacks volcanic and serpentine substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Allium peninsulare var. franciscanum</em></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Sonoma alopecurus</td>
<td>FE, Rank 1B.1</td>
<td>Marshes and swamps (freshwater), riparian scrub. Elevation ranges from 20 to 1200 feet. Blooms May-Jul.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains riparian wetland habitat which could support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Alopecurus aequalis var. sonomensis</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Napa false indigo</td>
<td>Rank 1B.2</td>
<td>Broadleafed upland forest (openings), chaparral, cismontane woodland. Elevation ranges from 390 to 6560 feet. Blooms Apr-Jul.</td>
<td><strong>Unlikely.</strong> The Project Area lacks commonly associated species and is below the documented elevation range of this species. This species is often associated with hillslopes and canyons within woodland and forest habitat. There are no documented occurrences of this species in the Santa Rosa Plain (CDFW 2018, CCH 2018).</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Amorpha californica var. napensis</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE**</td>
<td>RECOMMENDATIONS***</td>
</tr>
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<tr>
<td>Plants</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>bent-flowered fiddleneck</td>
<td>Rank 1B.2</td>
<td>Coastal bluff scrub, cismontane woodland, valley and foothill grassland. Elevation ranges from 10 to 1640 feet. Blooms Mar-Jun.</td>
<td>Despite potentially suitable grassland habitat, previous and ongoing disturbance within the Project Area likely precludes this species. There is only one historic occurrence of this species within the Project Area vicinity from 1940 (CDFW 2018).</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Amsinckia lunaris</td>
<td></td>
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<tr>
<td>slender silver moss</td>
<td>Rank 4.2</td>
<td>Broadleafed upland forest, lower montane coniferous forest, north coast coniferous forest/damp rock and soil on outcrops, usually on roadcuts. Elevation ranges from 330 to 3280 feet.</td>
<td>The Project Area lacks suitable habitat for this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Anomobryum julaceum</td>
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<td></td>
<td></td>
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<tr>
<td>Vine Hill manzanita Arctostaphylos densiflora</td>
<td>SE, Rank 1B.1</td>
<td>Chaparral (acid marine sand). Elevation ranges from 160 to 390 feet. Blooms Feb-Apr.</td>
<td>The Project Area lacks chaparral and acidic marine sand substrate known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Rincon Ridge manzanita Arctostaphylos stanfordiana ssp. decumbens</td>
<td>Rank 1B.1</td>
<td>Chaparral (rhyolitic), cismontane woodland. Elevation ranges from 250 to 1210 feet. Blooms Feb-Apr (May).</td>
<td>The Project Area lacks chaparral and rhyolitic substrate known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE**</td>
<td>RECOMMENDATIONS***</td>
</tr>
<tr>
<td>---------------------------------------------</td>
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<td>-------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Plants</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brewer's milk-vetch Astragalus breweri</td>
<td>Rank 4.2</td>
<td>Chaparral, cismontane woodland, meadows and seeps, valley and foothill</td>
<td><strong>No Potential.</strong> The Project Area lacks gravelly soils derived from serpentine or volcanic substrate necessary to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Clara Hunt's milk-vetch Astragalus claranus</td>
<td>FE, ST,</td>
<td>Chaparral (openings), cismontane woodland, valley and foothill</td>
<td><strong>No Potential.</strong> The Project Area lacks serpentine or volcanic substrates known to support this species</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td></td>
<td>Rank 1B.1</td>
<td>grassland/serpentine or volcanic, rocky, clay. Elevation ranges from 250</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>to 900 feet. Blooms Mar-May.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>big-scale balsamroot Balsamorhiza macrolepis</td>
<td>Rank 1B.2</td>
<td>Chaparral, cismontane woodland, valley and foothill grassland/sometimes</td>
<td><strong>Unlikely.</strong> The Project Area lacks chaparral and serpentine substrates associated with this species.</td>
<td>No further recommendations for this species.</td>
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<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE**</td>
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<tr>
<td>Sonoma sunshine</td>
<td>FE, SE, Rank 1B.1</td>
<td>Valley and foothill grassland (mesic), vernal pools. Elevation ranges from 30 to 360 feet (10 to 110 meters). Blooms Mar-May.</td>
<td><strong>Unlikely.</strong> The Project Area lacks vernal pools known to support this species. Riparian wetland within the Project Area is dominated by perennial wetland species, is completely shaded by surrounding overstory trees, and does not constitute potential habitat for this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td><em>Blennosperma bakeri</em></td>
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<tr>
<td>narrow-anthered brodiaea</td>
<td>Rank 1B.2</td>
<td>Broadleafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland/volcanic. Elevation ranges from 360 to 3000 feet. Blooms May-Jul.</td>
<td><strong>No Potential.</strong> The Project Area lacks gravelly soils composed of volcanics.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td><em>Brodiaea leptandra</em></td>
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<tr>
<td>Bolander's reed grass</td>
<td>Rank 4.2</td>
<td>Bogs and fens, broadleafed upland forest, closed-cone coniferous forest, coastal scrub, meadows and seeps (mesic), marshes and swamps (freshwater), north coast coniferous forest/mesic. Elevation ranges from 0 to 1490 feet. Blooms May-Aug.</td>
<td><strong>Unlikely.</strong> The Project Area lacks many of the biological communities associated with this species. This species is more closely associated with coastal environments (Jepson eFlora 2018).</td>
<td>No further recommendations for this species.</td>
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<tr>
<td><em>Calamagrostis bolanderi</em></td>
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<tr>
<td>Thurber's reed grass <em>Calamagrostis crassiglumis</em></td>
<td>Rank 2B.1</td>
<td>Coastal scrub (mesic), marshes and swamps (freshwater). Elevation ranges from 30 to 200 feet. Blooms May-Aug.</td>
<td>No Potential. The Project Area lacks coastal scrub and large intact marshes and swamps associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>serpentine reed grass <em>Calamagrostis ophiditis</em></td>
<td>Rank 4.3</td>
<td>Chaparral (open, often north-facing slopes), lower montane coniferous forest, meadows and seeps, valley and foothill grassland/serpentine, rocky. Elevation ranges from 300 to 3490 feet. Blooms Apr-Jul.</td>
<td>No Potential. The Project Area lacks serpentine substrate known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>pink star-tulip <em>Calochortus uniflorus</em></td>
<td>Rank 4.2</td>
<td>Coastal prairie, coastal scrub, meadows and seeps, north coast coniferous forest. Elevation ranges from 30 to 3510 feet. Blooms Apr-Jun.</td>
<td>No Potential. The Project Area lacks coastal prairie, coastal scrub, meadows and seeps, and north coast coniferous forest known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Mt. Saint Helena morning-glory <em>Calystegia collina ssp. oxyphylla</em></td>
<td>Rank 4.2</td>
<td>Chaparral, lower montane coniferous forest, valley and foothill grassland/serpentine. Elevation ranges from 920 to 3310 feet. Blooms Apr-Jun.</td>
<td>No Potential. The Project Area lacks serpentine substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>SPECIES</td>
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<tr>
<td>swamp harebell</td>
<td>Rank 1B.2</td>
<td>Bogs and fens, closed-cone coniferous forest, coastal prairie, meadows and seeps, marshes and swamps (freshwater), north coast coniferous forest/mesic. Elevation ranges from 0 to 1330 feet. Blooms Jun-Oct.</td>
<td><strong>No Potential.</strong> The Project Area lacks the biological communities associated with this species. This species is more closely associated with coastal environments (Jepson eFlora 2018).</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Campanula californica</td>
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<tr>
<td>johnny-nip</td>
<td>Rank 4.2</td>
<td>Coastal bluff scrub, coastal prairie, coastal scrub, marshes and swamps, valley and foothill grassland, vernal pools margins. Elevation ranges from 0 to 1430 feet. Blooms Mar-Aug.</td>
<td><strong>Unlikely.</strong> Despite potentially suitable grassland habitat, grasslands within the Project Area have been previously and repeatedly disturbed by mowing, likely precluding many annual native forbs such as this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Castilleja ambigu a ssp. ambigu a</td>
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<tr>
<td>Pitkin Marsh paintbrush</td>
<td>SE, Rank 1A</td>
<td>Marshes and swamps (freshwater). Elevation ranges from 790 to 790 feet (240 to 240 meters). Blooms Jun-Jul.</td>
<td><strong>No Potential.</strong> The Project Area lacks large intact marshes and swamps known to support this species. This species was only known from Pitkin Marsh in Sebastopol, and is now presumed extinct (CNPS 2018).</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Castilleja uliginosa</td>
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<tr>
<td>Rincon Ridge ceanothus</td>
<td>Rank 1B.1</td>
<td>Closed-cone coniferous forest, chaparral, cismontane woodland/volcanic or serpentine. Elevation ranges from 250 to 3490 feet. Blooms Feb-Jun.</td>
<td><strong>No Potential.</strong> The Project Area lacks coniferous forest, chaparral, and substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Ceanothus confusus</em></td>
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<tr>
<td>Calistoga ceanothus</td>
<td>Rank 1B.2</td>
<td>Chaparral (serpentine or volcanic, rocky). Elevation ranges from 560 to 3120 feet. Blooms Feb-Apr.</td>
<td><strong>No Potential.</strong> The Project Area lacks chaparral and substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Ceanothus divergens</em></td>
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<tr>
<td>Vine Hill ceanothus</td>
<td>Rank 1B.1</td>
<td>Chaparral. Elevation ranges from 150 to 1000 feet. Blooms Mar-May.</td>
<td><strong>No Potential.</strong> The project area lacks chaparral habitat necessary to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Ceanothus foliosus var. vineatus</em></td>
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<tr>
<td>glory brush</td>
<td>Rank 4.3</td>
<td>Chaparral. Elevation ranges from 100 to 2000 feet. Blooms Mar-Jun (Aug).</td>
<td><strong>No Potential.</strong> The Project Area lacks chaparral habitat.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Ceanothus gloriosus var. exaltatus</em></td>
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<tr>
<td>holly-leaved ceanothus</td>
<td>Rank 1B.2</td>
<td>Chaparral, cismontane woodland/volcanic, rocky. Elevation ranges from 390 to 2100 feet. Blooms Feb-Jun.</td>
<td><strong>No Potential.</strong> The Project Area lacks volcanic substrates necessary to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Ceanothus purpureus</em></td>
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<tr>
<td><em>Sonoma ceanothus</em> <em>Ceanothus sonomensis</em></td>
<td>Rank 1B.2</td>
<td>Chaparral (sandy, serpentine or volcanic). Elevation ranges from 710 to 2620 feet. Blooms Feb-Apr.</td>
<td><strong>No Potential.</strong> The Project Area lacks chaparral and substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>pappose tarplant</em> <em>Centromadia parryi ssp. parryi</em></td>
<td>Rank 1B.2</td>
<td>Chaparral, coastal prairie, meadows and seeps, marshes and swamps (coastal salt), valley and foothill grassland (vernally mesic)/often alkaline. Elevation ranges from 0 to 1380 feet. Blooms May-Nov.</td>
<td><strong>No Potential.</strong> The Project Area lacks alkaline soils known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Sonoma spineflower</em> <em>Chorizanthe valida</em></td>
<td>FE, SE, Rank 1B.1</td>
<td>Coastal prairie (sandy). Elevation ranges from 30 to 1000 feet (10 to 305 meters). Blooms Jun-Aug.</td>
<td><strong>No Potential.</strong> The Project Area lacks coastal prairie and sandy soils.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><em>Brewer’s clarkia</em> <em>Clarkia breweri</em></td>
<td>Rank 4.2</td>
<td>Chaparral, cismontane woodland, coastal scrub/often serpentine. Elevation ranges from 710 to 3660 feet (215 to 1115 meters). Blooms Apr-Jun.</td>
<td><strong>No Potential.</strong> The Project Area lacks chaparral, scrub, and serpentine soils associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>SPECIES</td>
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<tr>
<td>Vine Hill clarkia <em>Clarkia imbricata</em></td>
<td>FE, SE, Rank 1B.1</td>
<td>Chaparral, valley and foothill grassland/acidic sandy loam. Elevation ranges from 160 to 250. Blooms Jun-Aug.</td>
<td><strong>No Potential.</strong> The Project Area lacks chaparral and acidic sandy loam soils. This species is only known from two extant occurrences in the Vine Hill area north of Graton (CNPS 2018).</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>serpentine bird's-beak <em>Cordylanthus tenuis</em> ssp. <em>brunneus</em></td>
<td>Rank 4.3</td>
<td>Closed-cone coniferous forest, chaparral, cismontane woodland/usually serpentine. Elevation ranges from 1560 to 3000 feet. Blooms Jul-Aug.</td>
<td><strong>No Potential.</strong> The Project Area lacks the associated vegetation communities and serpentine substrates.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Pennell's bird's-beak <em>Cordylanthus tenuis</em> ssp. <em>capillaris</em></td>
<td>FE, SR, Rank 1B.2</td>
<td>Closed-cone coniferous forest, chaparral/serpentine. Elevation ranges from 150 to 1000 feet. Blooms Jun-Sep.</td>
<td><strong>No Potential.</strong> The Project Area lacks the associated vegetation communities and serpentine substrates.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Peruvian dodder <em>Cuscuta obtusiflora</em> var. <em>glandulosa</em></td>
<td>Rank 2B.2</td>
<td>Marshes and swamps (freshwater). Elevation ranges from 50 to 920 feet. Blooms Jul-Oct.</td>
<td><strong>No Potential.</strong> The Project Area lacks marsh habitat known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>mountain lady's-slipper <em>Cypripedium montanum</em></td>
<td>Rank 4.2</td>
<td>Broadleafed upland forest, cismontane woodland, lower montane coniferous forest, north coast coniferous forest. Elevation ranges from 610 to 7300 feet. Blooms Mar-Aug.</td>
<td><strong>No Potential.</strong> The Project Area is well below the documented elevation of this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
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<tr>
<td>Baker’s larkspur</td>
<td>FE, SE, SR, 1B.1</td>
<td>Broadleafed upland forest, coastal scrub, valley and foothill grassland/decomposed shale, often mesic. Elevation ranges from 260 to 1000 feet. Blooms Mar-May.</td>
<td>Unlikely. The Project Area lacks the associated lacks decomposed shale substrates. This species is known from only one extant occurrence along Marshall-Petaluma Road (CDFW 2018).</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Delphinium bakeri</td>
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<tr>
<td>golden larkspur</td>
<td>FE, SR, 1B.1</td>
<td>Chaparral, coastal prairie, coastal scrub/rocky. Elevation ranges from 0 to 330 feet. Blooms Mar-May.</td>
<td>No Potential. The Project Area lacks the associated vegetation communities and rocky substrates.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Delphinium luteum</td>
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<tr>
<td>dwarf downingia</td>
<td>Rank 2B.2</td>
<td>Valley and foothill grassland (mesic), vernal pools. Elevation ranges from 0 to 1460 feet. Blooms Mar-May.</td>
<td>Unlikely. The Project Area lacks vernal pools associated with this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Downingia pusilla</td>
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<tr>
<td>streamside daisy</td>
<td>Rank 3</td>
<td>Broadleafed upland forest, cismontane woodland, north coast coniferous forest/rocky, mesic. Elevation ranges from 100 to 3610 feet. Blooms Jun-Oct.</td>
<td>No Potential. The Project Area rocky sites associated with this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Erigeron bioletii</td>
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<tr>
<td>serpentine daisy</td>
<td>Rank 1B.3</td>
<td>Chaparral (serpentine, seeps). Elevation ranges from 200 to 2200 feet. Blooms May-Aug.</td>
<td>No Potential. The Project Area lacks serpentine seeps associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Erigeron serpentinus</td>
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<tr>
<td>slender cottongrass <em>Eriophorum gracile</em></td>
<td>Rank 4.3</td>
<td>Bogs and fens, meadows and seeps, upper montane coniferous forest/acidic. Elevation ranges from 4200 to 9510 feet. Blooms May-Sep.</td>
<td><strong>No Potential.</strong> The Project Area lacks acidic soils known to support this species (CDFW 2018), and is well below the documented elevation range.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>fragrant fritillary</strong> <em>Fritillaria liliacea</em></td>
<td>Rank 1B.2</td>
<td>Cismontane woodland, coastal prairie, coastal scrub, valley and foothill grassland/often serpentine. Elevation ranges from 10 to 1350 feet. Blooms Feb-Apr.</td>
<td><strong>Unlikely.</strong> Despite potentially suitable grassland habitat underlain by clay soils, the Project Area lacks serpentine influence often associated with this species. The historic and current disturbance regime also likely precludes this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>woolly-headed gilia</strong> <em>Gilia capitata</em> ssp. <em>tomentosa</em></td>
<td>Rank 1B.1</td>
<td>Coastal bluff scrub, valley and foothill grassland/serpentine, rocky, outcrops. Elevation ranges from 30 to 720 feet. Blooms May-Jul.</td>
<td><strong>No Potential.</strong> The Project Area lacks serpentine soils and rocky outcrops associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Baggs Lake hedge-hyssop <em>Gratiola heterosepala</em></td>
<td>SE, Rank 1B.2</td>
<td>Marshes and swamps (lake margins), vernal pools/clay. Elevation ranges from 30 to 7790 feet. Blooms Apr-Aug.</td>
<td><strong>No Potential.</strong> The Project Area lacks large intact marshes and swamps, or vernal pools associated with this species.</td>
<td>No further recommendations for this species.</td>
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<td>congested-headed hayfield tarplant <em>Hemization congesta ssp. congesta</em></td>
<td>Rank 1B.2</td>
<td>Valley and foothill grassland/sometimes roadsides. Elevation ranges from 70 to 1840 feet. Blooms Apr-Nov.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains potentially suitable grassland habitat that may support this species. This species is relatively disturbance-tolerant and may not be precluded by historic and current disturbance regime in the Project Area.</td>
<td>A protocol-level rare plant survey is recommended in early July to determine the presence or absence of this species.</td>
</tr>
<tr>
<td>hogwallow starfish <em>Hespervax caulescens</em></td>
<td>Rank 4.2</td>
<td>Valley and foothill grassland (mesic, clay), vernal pools (shallow)/sometimes alkaline. Elevation ranges from 0 to 1660 feet. Blooms Mar-Jun.</td>
<td><strong>No Potential.</strong> The Project Area lacks vernal pools and alkaline soils associated with this species. This species was included in the CNPS inventory database as a checklist for the Healdsburg quadrangle. However, this species is not documented in Sonoma or Marin counties (CCH 2018, Jepson eFlora 2018, CNPS 2018, Best et. al. 1996, Howell et. al. 2007).</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>thin-lobed horkelia <em>Horkelia tenuiloba</em></td>
<td>Rank 1B.2</td>
<td>Broadleafed upland forest, chaparral, valley and foothill grassland/mesic openings, sandy. Elevation ranges from 160 to 1640 feet. Blooms May-Jul (Aug).</td>
<td><strong>Unlikely.</strong> The Project Area lacks sandy soils associated with this species.</td>
<td>No further recommendations for this species.</td>
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<td>harlequin lotus <em>Hosackia gracilis</em></td>
<td>Rank 4.2</td>
<td>Broadleafed upland forest, coastal bluff scrub, closed-cone coniferous forest, cismontane woodland, coastal prairie, coastal scrub, meadows and seeps, marshes and swamps, north coast coniferous forest, valley and foothill grassland/wetlands, roadsides. Elevation ranges from 0 to 2300 feet. Blooms Mar-Jul.</td>
<td><strong>Unlikely.</strong> Despite potentially suitable grassland habitat, grasslands within the Project Area have been previously and repeatedly disturbed by mowing, likely precluding many annual native forbs such as this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>coast iris <em>Iris longipetala</em></td>
<td>Rank 4.2</td>
<td>Coastal prairie, lower montane coniferous forest, meadows and seeps/mesic. Elevation ranges from 0 to 1970 feet. Blooms Mar-May.</td>
<td><strong>Unlikely.</strong> Despite potentially suitable grassland habitat, this species is more closely associated with coastal environments.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Burke’s goldfields <em>Lasthenia burkei</em></td>
<td>FE, SE, Rank 1B.1</td>
<td>Meadows and seeps (mesic), vernal pools. Elevation ranges from 50 to 1970 feet. Blooms Apr-Jun.</td>
<td><strong>Unlikely.</strong> The Project Area lacks vernal pools known to support this species. Riparian wetland within the Project Area is dominated by perennial wetland species, is completely shaded by surrounding overstory trees, and does not constitute potential habitat for this species.</td>
<td>No further recommendations for this species.</td>
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<td>SPECIES</td>
<td>STATUS*</td>
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<td>POTENTIAL FOR OCCURRENCE**</td>
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<td><strong>Plants</strong></td>
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<tr>
<td>Baker’s goldfields, <em>Lasthenia californica</em> ssp. <em>bakeri</em></td>
<td>Rank 1B.2</td>
<td>Closed-cone coniferous forest (openings), coastal scrub, meadows and seeps, marshes and swamps. Elevation ranges from 200 to 1710 feet. Blooms Apr-Oct.</td>
<td>No Potential. There is only one documented occurrence of this species in the vicinity of the Project Area from 1899 (CDFW 2018). The majority of documented occurrences in Sonoma County are closer to the coast, and centered around the Bodega Bay area.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Contra Costa goldfields, <em>Lasthenia conjugens</em></td>
<td>FE, Rank 1B.1</td>
<td>Cismontane woodland, playas (alkaline), valley and foothill grassland, vernal pools/mesic. Elevation ranges from 0 to 1540 feet Blooms Mar-Jun.</td>
<td>No Potential. The Project Area lacks vernal pools and alkaline substrates associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>SPECIES</td>
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<tr>
<td>bristly leptosiphon</td>
<td>Rank 4.2</td>
<td>Chaparral, cismontane woodland, coastal prairie, valley and foothill grassland. Elevation ranges from 180 to 4920 feet. Blooms Apr-Jul.</td>
<td>Unlikely. The Project Area lacks shallow rocky soils and sparsely vegetated areas known to support this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Leptosiphon acicularis</td>
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<tr>
<td>Jepson's leptosiphon</td>
<td>Rank 1B.2</td>
<td>Chaparral, cismontane woodland/usually volcanic. Elevation ranges from 330 to 1640 feet (100 to 500 meters). Blooms Mar-May.</td>
<td>No Potential. The Project Area lacks the vegetation communities and volcanic soils associated with this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Leptosiphon jepsonii</td>
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<tr>
<td>woolly-headed Lessingia</td>
<td>Rank 3</td>
<td>Broadleafed upland forest, coastal scrub, lower montane coniferous forest, valley and foothill grassland/clay, serpentine. Elevation ranges from 50 to 1000 feet. Blooms Jun-Oct.</td>
<td>No Potential. The Project Area lacks serpentine soils known to support this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Lessingia hololeuca</td>
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<tr>
<td>Pitkin Marsh lily</td>
<td>FE, SE, Rank 1B.1</td>
<td>Cismontane woodland, meadows and seeps, marshes and swamps (freshwater)/mesic, sandy. Elevation ranges from 110 to 210 feet. Blooms Jun-Jul.</td>
<td>No Potential. The Project Area lacks large intact marsh habitat and sandy soils associated with this species.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>Lilium pardalinum ssp. pitkinense</td>
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<td>SPECIES</td>
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<tr>
<td><strong>redwood lily</strong> Lilium rubescens</td>
<td>Rank 4.2</td>
<td>Broadleafed upland forest, chaparral, lower montane coniferous forest, north coast coniferous forest, upper montane coniferous forest/sometimes serpentine, sometimes roadsides. Elevation ranges from 100 to 6270 feet. Blooms Apr-Aug (Sep).</td>
<td>No Potential. The Project Area lacks the vegetation communities associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>Sebastopol meadowfoam</strong> Limnanthes vinculans</td>
<td>FE, SE, Rank 1B.1</td>
<td>Meadows and seeps, valley and foothill grassland, vernal pools/vernally mesic. Elevation ranges from 50 to 1000 feet. Blooms Apr-May.</td>
<td>Unlikely. The Project Area lacks vernal pools known to support this species. Riparian wetland within the Project Area is dominated by perennial wetland species, is completely shaded by surrounding overstory trees, and does not constitute potential habitat for this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>Napa Lomatium</strong> Lomatium repostum</td>
<td>Rank 4.3</td>
<td>Chaparral, cismontane woodland/serpentine. Elevation ranges from 300 to 2720 feet. Blooms Mar-Jun.</td>
<td>No Potential. The Project Area lacks the vegetation communities and serpentine substrate known to support this species.</td>
<td>No further recommendations for this species.</td>
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<td>SPECIES</td>
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<tr>
<td><strong>Cobb Mountain lupine</strong> <em>Lupinus sericatus</em></td>
<td>Rank 1B.2</td>
<td>Broadleafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest. Elevation ranges from 900 to 5000 feet. Blooms Mar-Jun.</td>
<td><strong>No Potential.</strong> The Project Area lacks the associated vegetation communities and is well below the documented elevation range of the species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>Mt. Diablo cottonweed</strong> <em>Micropus amphibolus</em></td>
<td>Rank 3.2</td>
<td>Broadleafed upland forest, chaparral, cismontane woodland, valley and foothill grassland/rocky. Elevation ranges from 150 to 2710 feet. Blooms Mar-May.</td>
<td><strong>Unlikely.</strong> The Project Area lacks rocky substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>marsh microseris</strong> <em>Microseris paludosa</em></td>
<td>Rank 1B.2</td>
<td>Closed-cone coniferous forest, cismontane woodland, coastal scrub, valley and foothill grassland. Elevation ranges from 20 to 1160 feet (5 to 355 meters). Blooms Apr-Jun (Jul).</td>
<td><strong>Unlikely.</strong> Despite potentially suitable grassland habitat, the historic and current disturbance regime (i.e. agricultural conversion, and mowing) within the Project Area and dense thatch accumulation from non-native annual grasses likely precludes this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>green monardella</strong> <em>Monardella viridis</em></td>
<td>Rank 4.3</td>
<td>Broadleafed upland forest, chaparral, cismontane woodland. Elevation ranges from 330 to 3310 feet. Blooms Jun-Sep.</td>
<td><strong>No Potential.</strong> The Project Area lacks the vegetation communities associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
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<td>SPECIES</td>
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<tr>
<td>cotula navarretia <em>Navarretia cotulifolia</em></td>
<td>Rank 4.2</td>
<td>Chaparral, cismontane woodland, valley and foothill grassland/adobe. Elevation ranges from 10 to 6000 feet. Blooms May-Jun.</td>
<td><strong>Unlikely.</strong> Despite potentially suitable grassland habitat and clay soils, the historic and current disturbance regime (i.e. agricultural conversion, and mowing) within the Project Area and dense thatch accumulation from non-native annual grasses likely precludes this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Baker's navarretia <em>Navarretia leucocephala</em></td>
<td>Rank 1B.1</td>
<td>Cismontane woodland, lower montane coniferous forest, meadows and seeps, valley and foothill grassland, vernal pools/mesic. Elevation ranges from 20 to 5710 feet. Blooms Apr-Jul.</td>
<td><strong>No Potential.</strong> The Project Area lacks vernal pools with associated vernal pool indicator species, and alkaline soils associated with this species (CDFW 2018).</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>many-flowered navarretia <em>Navarretia leucocephala ssp. plieantha</em></td>
<td>FE, SE, Rank 1B.2</td>
<td>Vernal pools (volcanic ash flow). Elevation ranges from 100 to 3120 feet (30 to 950 meters). Blooms May-Jun.</td>
<td><strong>No Potential.</strong> The Project Area lacks vernal pools and volcanic ash flow substrates associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Sonoma beardtongue <em>Penstemon newberryi var. sonomensis</em></td>
<td>Rank 1B.3</td>
<td>Chaparral (rocky). Elevation ranges from 2300 to 4490 feet. Blooms Apr-Aug.</td>
<td><strong>No Potential.</strong> The Project Area lacks chaparral and is well below the documented elevation range of this species</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>SPECIES</td>
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</table>
| Gairdner's yampah  
*Perideridia gairdneri* ssp. gairdneri | Rank 4.2  | Broadleafed upland forest, chaparral, coastal prairie, valley and foothill grassland, vernal pools/vernally mesic. Elevation ranges from 0 to 2000 feet (0 to 610 meters). Blooms Jun-Oct. | Unlikely. Despite potentially suitable grassland habitat, the historic and current disturbance regime (i.e. agricultural conversion, and mowing) within the Project Area and dense thatch accumulation from non-native annual grasses likely precludes this species. | No further recommendations for this species. |
| Calistoga popcornflower  
*Plagiobothrys strictus* | FE, ST,  
Rank 1B.1 | Meadows and seeps, valley and foothill grassland, vernal pools/alkaline areas near thermal springs. Elevation ranges from 300 to 520 feet. Blooms Mar-Jun. | No Potential. This species is known from only two extant occurrences near Calistoga, where it is associated with hot springs (CNPS 2018) | No further recommendations for this species. |
| North Coast semaphore grass  
*Pleuropogon hooverianus* | ST, Rank 1B.1 | Broadleafed upland forest, meadows and seeps, north coast coniferous forest/open areas, mesic. Elevation ranges from 30 to 2200 feet. Blooms Apr-Jun. | Unlikely. The Project Area lacks open wet meadows associated with this species (Best et al. 1996). | No further recommendations for this species. |
| nodding semaphore grass  
*Pleuropogon refractus* | Rank 4.2  | Lower montane coniferous forest, meadows and seeps, north coast coniferous forest, riparian forest/mesic. Elevation ranges from 0 to 5250 feet. Blooms (Mar), Apr-Aug. | Unlikely. The Project Area lacks coniferous forested habitats most often associated with this species. This species has not been documented within Sonoma County (CCH 2018, Best et al. 1996). | No further recommendations for this species. |
<table>
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<tr>
<th>SPECIES</th>
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<td><strong>Plants</strong></td>
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</table>
| Cunningham Marsh cinquefoil  
*Potentilla uliginosa* | Rank 1A | Marshes and swamps/freshwater, permanent oligotrophic wetlands. Elevation ranges from 100 to 130. Blooms May-Aug. | No Potential. The Project Area lacks permanent oligotrophic wetlands. This species is presumed extinct. | No further recommendations for this species. |
| California alkali grass  
*Puccinellia simplex* | Rank 1B.2 | Chenopod scrub, meadows and seeps, valley and foothill grassland, vernal pools/alkaline, vernally mesic; sinks, flats, and lake margins. Elevation ranges from 10 to 3050 feet (2 to 930 meters). Blooms Mar-May. | No Potential. The Project Area lacks alkaline substrates associated with this species. | No further recommendations for this species. |
| Lobb's aquatic buttercup  
*Ranunculus lobbii* | Rank 4.2 | Cismontane woodland, north coast coniferous forest, valley and foothill grassland, vernal pools/mesic. Elevation ranges from 50 to 1540 feet. Blooms Feb-May. | Unlikely. The Project Area lacks large seasonally ponded areas with standing water depths of 6 inches or greater necessary to support this species. | No further recommendations for this species. |
| white beaked-rush  
*Rhynchospora alba* | Rank 2B.2 | Bogs and fens, meadows and seeps, marshes and swamps (freshwater). Elevation ranges from 200 to 6690 feet. Blooms Jul-Aug. | Unlikely. The Project Area lacks large intact bogs, marshes and swamps associated with this species. | No further recommendations for this species. |
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<tr>
<th>SPECIES</th>
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<tbody>
<tr>
<td>California beaked-rush <em>Rhynchospora californica</em></td>
<td>Rank</td>
<td>Bogs and fens, lower montane coniferous forest, meadows and seeps (seeps), marshes and swamps (freshwater). Elevation ranges from 150 to 3310 feet. Blooms May-Jul.</td>
<td><strong>Unlikely.</strong> The Project Area lacks large intact bogs, marshes and swamps associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>brownish beaked-rush <em>Rhynchospora capitellata</em></td>
<td>Rank</td>
<td>Lower montane coniferous forest, meadows and seeps, marshes and swamps, upper montane coniferous forest/mesic. Elevation ranges from 150 to 6560 feet. Blooms Jul-Aug.</td>
<td><strong>Unlikely.</strong> The Project Area lacks large intact bogs, marshes and swamps, and coniferous forest associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>round-headed beaked-rush <em>Rhynchospora globularis</em></td>
<td>Rank</td>
<td>Marshes and swamps (freshwater). Elevation ranges from 150 to 200 feet. Blooms Jul-Aug.</td>
<td><strong>Unlikely.</strong> The Project Area lacks large intact bogs, marshes and swamps associated with this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Napa checkerbloom <em>Sidalcea hickmanii ssp. napensis</em></td>
<td>Rank</td>
<td>Chaparral/rhyolitic. Elevation ranges from 1360 to 2000 feet. Blooms Apr-Jun.</td>
<td><strong>No Potential.</strong> The Project area lacks chaparral and rhyolitic substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Kenwood Marsh checkerbloom <em>Sidalcea oregana ssp. valida</em></td>
<td>FE, SE, Rank</td>
<td>Marshes and swamps (freshwater). Elevation ranges from 380 to 490 feet. Blooms Jun-Sep.</td>
<td><strong>Unlikely.</strong> The Project Area lacks marshes and swamps associated with this species.</td>
<td>No further recommendations for this species.</td>
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<td>SPECIES</td>
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<td><strong>Plants</strong></td>
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<tr>
<td>two-fork clover <em>Trifolium amoenum</em></td>
<td>FE, Rank 1B.1</td>
<td>Coastal bluff scrub, valley and foothill grassland (sometimes serpentine). Elevation ranges from 20 to 1360 feet. Blooms Apr-Jun.</td>
<td>Unlikely. Despite potentially suitable grassland habitat present within the Project Area, grasslands within the Project Area are relatively disturbed. This species is only known from one natural extant occurrence in Marin County (CNPS 2018, USFWS 2012).</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Santa Cruz clover <em>Trifolium buckwestiorum</em></td>
<td>Rank 1B.1</td>
<td>Broadleafed upland forest, cismontane woodland, coastal prairie/gravelly, margins. Elevation ranges from 340 to 2000 feet. Blooms Apr-Oct.</td>
<td>No Potential. The Project Area lacks gravelly substrates known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>saline clover <em>Trifolium hydrophilum</em></td>
<td>Rank 1B.2</td>
<td>Marshes and swamps, valley and foothill grassland (mesic, alkaline), vernal pools. Elevation ranges from 0 to 980 feet. Blooms Apr-Jun.</td>
<td>No Potential. The Project Area lacks alkaline marshes and swamps known to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>coastal triquetrella <em>Triquetrella californica</em></td>
<td>Rank 1B.2</td>
<td>Coastal bluff scrub, coastal scrub/soil. Elevation ranges from 30 to 330 feet.</td>
<td>No Potential. The Project Area lacks coastal scrub habitats.</td>
<td>No further recommendations for this species.</td>
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<tr>
<td>SPECIES</td>
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<tr>
<td>oval-leaved viburnum</td>
<td>Rank 2B.3</td>
<td>Chaparral, cismontane woodland, lower montane coniferous forest. Elevation ranges from 600 to 4200 feet. Blooms May-June.</td>
<td>No Potential. This species is commonly associated with chaparral, and yellow pine forest habitat on north facing slopes (Jepson eFlora 2018).</td>
<td>No further recommendations for this species.</td>
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<td><em>Viburnum ellipticum</em></td>
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<td>SPECIES</td>
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<td>Mammals</td>
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<tr>
<td>fringed myotis</td>
<td>WBWG: High</td>
<td>Associated with a wide variety of habitats including mixed coniferous-</td>
<td>Moderate Potential. The Project Area contains uninhabited buildings that could potentially provide a roosting structure for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>Myotis thysanodes</td>
<td>Priority</td>
<td>deciduous forest and redwood/sequoia groves. Roosts in caves, mines,</td>
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<td>buildings, and crevices. Separate day and night roosts may be used.</td>
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<tr>
<td>long-legged myotis</td>
<td>WBWG: High</td>
<td>Primarily found in coniferous forests, but also occurs seasonally in</td>
<td>Moderate Potential. The Project Area contains uninhabited buildings that could potentially provide a roosting structure for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>Myotis volans</td>
<td>Priority</td>
<td>riparian and desert habitats. Large hollow trees, rock crevices and</td>
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<td>buildings are important day roosts. Other roosts include caves, mines</td>
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<td></td>
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<td>and buildings.</td>
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<tr>
<td>hoary bat</td>
<td>WBWG: Medium</td>
<td>Prefers open forested habitats or habitat mosaics, with access to trees</td>
<td>Moderate Potential. The Project Area contains trees with sufficient foliage for cover and potential roosting structure for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>Lasiurus cinereus</td>
<td>Priority</td>
<td>for cover and open areas or habitat edges for feeding. Roosts in dense</td>
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<td>foliage of medium to large trees. Feeds primarily on moths. Requires</td>
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<td>water.</td>
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<tr>
<td>pallid bat</td>
<td>SSC, WBWG:</td>
<td>Found in deserts, grasslands, shrublands, woodlands, and forests. Most</td>
<td>Moderate Potential. The Project Area contains trees of sufficient size to potentially provide roosting structure for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>Antrozous pallidus</td>
<td>High Priority</td>
<td>common in open, forages along river channels. Roost sites include</td>
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<td></td>
<td></td>
<td>crevices in rocky outcrops and cliffs, caves, mines, trees and various</td>
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<td></td>
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<td>human structures such as bridges, barns, and buildings (including</td>
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<td></td>
<td></td>
<td>occupied buildings). Roosts must protect bats from high temperatures.</td>
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<td></td>
<td></td>
<td>Very sensitive to disturbance of roosting sites.</td>
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<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE</td>
<td>RESULTS AND RECOMMENDATIONS</td>
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<td><strong>WILDLIFE</strong></td>
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<tr>
<td>Townsend’s big-eared bat</td>
<td>SSC; WBWG: High</td>
<td>Associated with a wide variety of habitats from deserts to mid-elevation mixed coniferous-deciduous forest. Females form maternity colonies in buildings, caves and mines and males roost singly or in small groups. Foraging occurs in open forest habitats where they glean moths from vegetation.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains an uninhabited building that could potentially provide a roosting structure for this species. In addition, Roseland Creek may provide adequate water for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>Corynorhinus townsendii</td>
<td>Priority</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>western red bat</td>
<td>SSC</td>
<td>Highly migratory and typically solitary, roosting primarily in the foliage of trees or shrubs. Roosts are usually in broad-leaved trees including cottonwoods, sycamores, alders, and maples. Day roosts are commonly in edge habitats adjacent to streams or open fields, in orchards, and sometimes in urban areas.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains potentially suitable roosting habitat which may support this species. In addition, Roseland Creek may provide adequate water for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>Lasiurus blossevillii</td>
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</tr>
<tr>
<td>Yuma myotis</td>
<td>WBWG: Low-Medium</td>
<td>Known for its ability to survive in urbanized environments. Also found in heavily forested settings. Day roosts in buildings, trees, mines, caves, bridges and rock crevices. Night roosts associated with man-made structures.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains an uninhabited building that could potentially provide a roosting structure for this species. In addition, Roseland Creek may provide adequate water for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>Myotis yumanensis</td>
<td>Priority</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
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<tr>
<td><strong>WILDLIFE</strong></td>
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</tr>
<tr>
<td>American badger <em>Taxidea taxus</em></td>
<td>SSC</td>
<td>Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Requires friable soils and open, uncultivated ground. Preys on burrowing rodents.</td>
<td><strong>No Potential.</strong> The Project Area is surrounded by residential and other development and does not contain the vast uninterrupted open spaces typically required by this species for breeding dens and foraging.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td><strong>Birds</strong></td>
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<tr>
<td>ferruginous hawk <em>Buteo regalis</em></td>
<td>BCC</td>
<td>Frequents open grasslands, sagebrush flats, desert scrub, low foothills surrounding valleys and fringes of pinyon-juniper habitats.</td>
<td><strong>Unlikely.</strong> This species may occasionally forage within the Project Area. However, habitat quality is greatly diminished due to small parcel size and surrounding residential development. Few trees within Project Area to support potential nesting.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>golden eagle <em>Aquila chrysaetos</em></td>
<td>CFP, BCC</td>
<td>Found in rolling foothills with open grasslands, scattered trees, and cliff-walled canyons.</td>
<td><strong>Unlikely.</strong> This species may occasionally forage within the Project Area. However, habitat quality is greatly diminished due to small parcel size and surrounding residential development. Few trees within Project Area to support potential nesting.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE</td>
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</tr>
<tr>
<td>white-tailed kite <em>Elanus leucurus</em></td>
<td>CFP</td>
<td>Year-long resident of coastal and valley lowlands, including agricultural areas. Preys on small diurnal mammals and occasional birds, insects, reptiles, and amphibians.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains potentially suitable foraging and nesting habitat for this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>American peregrine falcon <em>Falco peregrinus anatum</em></td>
<td>FD, SD, CFP, BCC</td>
<td>Winters throughout Central Valley. Requires protected cliffs and ledges for cover. Feeds on a variety of birds, and some mammals, insects, and fish.</td>
<td><strong>No Potential.</strong> This species may occasionally forage within the Project Area, however the Project Area lacks sufficient nesting habitat for this species and habitat quality is further reduced due to the proximity of low-level residential development.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>western yellow-billed cuckoo <em>Coccyzus americanus occidentalis</em></td>
<td>FC, SE, BCC</td>
<td>Nests in riparian jungles of willow often mixed with cottonwoods, with lower story of blackberry, nettles, or wild grape. Species requires an average of 17 hectares per pair for foraging and nesting.</td>
<td><strong>No Potential.</strong> The Project Area does not contain sufficient forested or aquatic habitat necessary for this species.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>burrowing owl <em>Athene cunicularia</em></td>
<td>SSC, BCC</td>
<td>Frequents open grasslands and shrublands with perches and burrows. Preys upon insects, small mammals, reptiles, birds, and carrion. Nests and roosts in old burrows of small mammals.</td>
<td><strong>Unlikely.</strong> This species may occasionally forage in the Project Area, but the Project Area lacks small mammal burrows essential for nesting and common in foraging habitat.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>black swift <em>Cyseloides niger</em></td>
<td>SSC, BCC</td>
<td>Nesting sites are associated with sheer cliffs and waterfalls, either near the coast or in the mountains. Does not winter in California.</td>
<td><strong>No Potential.</strong> The Project Area lacks sufficient cliff or waterfall habitat for this species.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE</td>
<td>RESULTS AND RECOMMENDATIONS</td>
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<tr>
<td>Vaux’s swift <em>Chaetura vauxi</em></td>
<td>SSC</td>
<td>Forages high in the air over most terrain and habitats but prefers rivers/lakes. Requires large hollow trees for nesting.</td>
<td><strong>Unlikely.</strong> The Project Area lacks the aquatic habitat preferred by this species. Few trees provide potential nesting habitat for this species, however its hollows are likely too small for use.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>Allen’s hummingbird <em>Selasphorus sasin</em></td>
<td>BCC</td>
<td>Found in a wide variety of habitats that provide nectar-producing flowers. A common migrant and uncommon summer resident of California.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains potentially suitable foraging and nesting habitat which could support this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>olive-sided flycatcher <em>Contopus cooperi</em></td>
<td>SSC, BCC</td>
<td>Most often found in montane conifer forests where tall trees overlook canyons, meadows, lakes or other open terrain.</td>
<td><strong>No Potential.</strong> The Project Area does not contain sufficient forested or aquatic habitat necessary for this species.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>yellow warbler <em>Setophaga petechia</em></td>
<td>SSC, BCC</td>
<td>Nests in riparian stands of willows, cottonwoods, aspens, sycamores, and alders. Also nests in montane shrubbery in open conifer forests.</td>
<td><strong>No Potential.</strong> The Project Area does not contain sufficient forested or riparian habitat necessary for this species.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>yellow-breasted chat <em>Icteria virens</em></td>
<td>SSC</td>
<td>Breeds in riparian thickets and woodlands, particularly those dominated by willows and cottonwoods.</td>
<td><strong>Moderate Potential.</strong> The Project Area contains potentially suitable riparian habitat which could support this species.</td>
<td>See Section 5.0 for recommended avoidance and minimization measures.</td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
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<td><strong>WILDLIFE</strong></td>
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<tr>
<td>grasshopper sparrow Ammodramus savannarum</td>
<td>SSC</td>
<td>Frequents dense tall, dry or well-drained grasslands, especially native grasslands with mixed grasses and forbs for foraging and nesting. Nests on ground at base of overhanging clumps of vegetation.</td>
<td>Unlikely. This species is not known to nest in the vicinity, and the Project Area does not provide well-drained grasslands typical of this species. This species is more common in the coastal hills and dry interior hills.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>tricolored blackbird Agelaius tricolor</td>
<td>SSC, BCC</td>
<td>Usually nests over or near freshwater in dense cattails, tules, or thickets of willow, blackberry, wild rose or other tall herbs.</td>
<td>Unlikely. The Study Area is primarily oak woodland and does not contain dense riparian habitat such as cattails or tules typical for nesting by this species.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>Lawrence's goldfinch Carduelis lawrencei</td>
<td>BCC</td>
<td>Inhabits oak woodlands, chaparral, pinyon-juniper associations, and weedy areas near water during the breeding season; highly erratic and localized in occurrence.</td>
<td>Unlikely. No suitable chaparral or xeric oak woodland is present to support nesting of the species within the Project Area. The species is also an extremely rare breeder in Sonoma County.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE</td>
<td>RESULTS AND RECOMMENDATIONS</td>
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<tr>
<td>bank swallow <em>Riparia riparia</em></td>
<td>ST</td>
<td>Summer resident in riparian and other lowland habitats near rivers, lakes and the ocean in northern California. Nests colonially in excavated burrows on vertical cliffs and bank cuts (natural and manmade) with fine-textured soils. Historical nesting range in southern and central areas of California has been eliminated by habitat loss. Currently known to breed in Siskiyou, Shasta, and Lassen Cos., portions of the north coast, and along Sacramento River from Shasta Co. south to Yolo Co.</td>
<td><strong>No Potential.</strong> The Study Area does not contain the riparian cliff habitat necessary for this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Nuttall’s woodpecker <em>Picoides nuttalli</em></td>
<td>BCC</td>
<td>Year-round resident in lowland woodlands throughout much of California west of the Sierra Nevada. Typical habitat is dominated by oaks; also occurs in riparian woodland. Nests in tree cavities.</td>
<td><strong>High Potential.</strong> The Study Area contains oak woodland suitable for nesting and foraging by this species.</td>
<td>See Section 5.2 for recommended measures.</td>
</tr>
<tr>
<td>Pacific (western) pond turtle <em>Actinemys marmorata</em></td>
<td>SSC</td>
<td>Occurs in perennial ponds, lakes, rivers and streams with suitable basking habitat (mud banks, mats of floating vegetation, partially submerged logs) and shelter.</td>
<td><strong>Moderate Potential.</strong> The Study Area contains an intermittent stream which could support this species through part of the year. There are multiple recorded occurrences of this species within 5-miles of the Study Area (CDFW, 2018).</td>
<td>See Section 5.2 for recommended measures.</td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE</td>
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<td><strong>WILDLIFE</strong></td>
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<tr>
<td>California giant salamander</td>
<td>SSC</td>
<td>Occurs in the north-central Coast Ranges. Moist coniferous and mixed</td>
<td><strong>No Potential.</strong> The Project Area does not contain mesic coniferous forest habitat</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td><em>Dicamptodon ensatus</em></td>
<td></td>
<td>forests are typical habitat; also uses woodland and chaparral. Adults</td>
<td>necessary for this species.</td>
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<td></td>
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<td>are terrestrial and fossorial, breeding in cold, permanent or semi-</td>
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<td></td>
<td></td>
<td>permanent streams. Larvae usually remain aquatic for over a year.</td>
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<tr>
<td>California tiger salamander</td>
<td>FE, ST,</td>
<td>Inhabits annual grassland habitat and mammal burrows. Seasonal ponds</td>
<td><strong>Unlikely.</strong> As per Trenham and Cook (2008), Hearn Avenue and directly associated</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td><em>Ambystoma californiense</em></td>
<td>SSC</td>
<td>and vernal pools crucial to breeding. Federal Endangered status limited</td>
<td>infrastructure (e.g., storm drains) provides a barrier to CTS movement. The Project</td>
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<td></td>
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<td>to populations in Sonoma and Santa Barbara counties.</td>
<td>Area does not provide any wetlands or seasonal aquatic features suitable for CTS</td>
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<td></td>
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<td></td>
<td>breeding, and as such the persistence of a population there and on adjacent</td>
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<td></td>
<td>properties north of Hearn Avenue is highly unlikely.</td>
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</tr>
<tr>
<td>red-bellied newt</td>
<td>SSC</td>
<td>Inhabits coastal redwood forests and occasionally other forest types.</td>
<td><strong>No Potential.</strong> The Project Area does not contain sufficient aquatic breeding or</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td><em>Taricha rivularis</em></td>
<td></td>
<td>Adults remain in breeding stream drainages in the non-breeding season.</td>
<td>aestivation habitat for this species.</td>
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<td></td>
<td></td>
<td>Breeding habitats are often fast-moving streams. Stagnant water sources</td>
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<td></td>
<td></td>
<td>are often avoided.</td>
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<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE</td>
<td>RESULTS AND RECOMMENDATIONS</td>
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<tr>
<td>California red-legged frog <em>Rana draytonii</em></td>
<td>FT, SSC</td>
<td>Associated with quiet perennial to intermittent ponds, stream pools and wetlands. Prefers shorelines with extensive vegetation. Documented to disperse through upland habitats after rains.</td>
<td>Unlikely. No suitable aquatic breeding, dispersal, or upland habitat is present within the Project Area.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>foothill yellow-legged frog <em>Rana boylii</em></td>
<td>SSC</td>
<td>Found in or near rocky streams in a variety of habitats. Feed on both aquatic and terrestrial invertebrates.</td>
<td>Unlikely. Roseland Creek provides only marginal habitat for this species and no occurrences have been documented within 5 miles of Project Area.</td>
<td>No further surveys or mitigation measures are recommended.</td>
</tr>
<tr>
<td>Fish</td>
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</tr>
<tr>
<td>Coho salmon - southern Oregon/northern California ESU <em>Oncorhynchus kisutch</em></td>
<td>FT, ST, SSC</td>
<td>Occurs in inland and in coastal marine waters from the Cape Blanco, Oregon, through Punta Gorda, California. Adult coho salmon enter fresh water from September through January to spawn. Requires beds of medium to small gravel substrate and sufficient dissolved oxygen for spawning. Rearing habitat consists of riparian cover, cool water and sufficient dissolved oxygen.</td>
<td>No Potential. The Study Area does not contain suitable streams, rivers or other perennial waters to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>Navarro roach <em>Lavinia symmetricus navarroensis</em></td>
<td>SSC</td>
<td>Habitat generalists. Found in warm intermittent streams as well as cold, well-aerated streams.</td>
<td>No Potential. The Study Area does not contain suitable streams, rivers or other perennial waters to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>SPECIES</td>
<td>STATUS*</td>
<td>HABITAT</td>
<td>POTENTIAL FOR OCCURRENCE</td>
<td>RESULTS AND RECOMMENDATIONS</td>
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<td><strong>WILDLIFE</strong></td>
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<tr>
<td>Russian River tule perch <em>Hysterocarpus traski pomo</em></td>
<td>SSC</td>
<td>Found in clear, flowing freshwater with abundant vegetation and overhanging cover. Confined to the Russian River and tributaries.</td>
<td><strong>No Potential.</strong> The Study Area does not contain suitable streams, rivers or other perennial waters to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td>steelhead - Central California Coast ESU <em>Oncorhynchus mykiss irideus</em></td>
<td>FT</td>
<td>From Russian River south to Soquel Creek and Pajaro River. Also San Francisco and San Pablo Bay Basins.</td>
<td><strong>No Potential.</strong> The Study Area does not contain suitable streams, rivers or other perennial waters to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
<tr>
<td><strong>Invertebrates</strong></td>
<td></td>
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</tr>
<tr>
<td>California freshwater shrimp <em>Syncaris pacifica</em></td>
<td>FE, SE, SSI</td>
<td>Endemic to Marin, Napa, and Sonoma Counties. Found in shallow pools away from streamflow in low gradient streams where riparian cover is moderate to heavy.</td>
<td><strong>Unlikely.</strong> The Study Area does not contain perennial stream habitat with suitable shallow pools to support this species.</td>
<td>No further recommendations for this species.</td>
</tr>
</tbody>
</table>

* Key to status codes:
- **FE**  Federal Endangered
- **FT**  Federal Threatened
- **SE**  State Endangered
- **SD**  State Delisted
- **ST**  State Threatened
- **SR**  State Rare
- **SSC**  Species of Special Concern
- **SSI**  Species of Special Interest
- **BCC**  Bird of Conservation Concern

California Rare Plant Rank (CRPR)
- **Rank 1A**  CRPR 1A: Plants presumed extinct in California
- **Rank 1B**  CRPR 1B: Plants rare, threatened or endangered in California and elsewhere
- **Rank 2A**  CRPR 2A: Plants presumed extirpated in California, but more common elsewhere
- **Rank 2B**  CRPR 2B: Plants rare, threatened, or endangered in California, but more common elsewhere
- **Rank 3**  CRPR 3: Plants about which CNPS needs more information (a review list)
Rank 4  CRPR 4: Plants of limited distribution (a watch list)

Threat Ranks
0.1  Seriously threatened in California
0.2  Moderately threatened in California
0.3  Not very threatened in California

**Potential to Occur:**
No Potential. Habitat on and adjacent to the site is clearly unsuitable for the species requirements (cover, substrate, elevation, hydrology, plant community, site history, disturbance regime).
Unlikely. Few of the habitat components meeting the species requirements are present, and/or the majority of habitat on and adjacent to the site is unsuitable or of very poor quality. The species is not likely to be found on the site.
Moderate Potential. Some of the habitat components meeting the species requirements are present, and/or only some of the habitat on or adjacent to the site is unsuitable. The species has a moderate probability of being found on the site.
High Potential. All of the habitat components meeting the species requirements are present and/or most of the habitat on or adjacent to the site is highly suitable. The species has a high probability of being found on the site.

***Results and Recommendations:***
Present. Species was observed on the site or has been recorded (i.e. CNDDB, other reports) on the site recently.
Assumed Present. Species has a high likelihood of occurring and actions to avoid/mitigate impacts are recommended; surveys not conducted.
Assumed Absent. Species is assumed to not be present or utilize the site due to a lack of key habitat components.
Not Observed. Species was not observed during protocol-level surveys.
APPENDIX D
SITE PHOTOGRAPHS
Photograph 1. Photograph depicting disturbed valley oak woodland composed of young, potentially planted trees in the northern portion of the Project Area.

Photograph 2. Photograph depicting developed/landscaped portion of the Project Area.
Photograph 3. Photograph depicting Roseland Creek, an intermittent, USGS ‘blue-line’ stream within the central portion of the Project Area.

Photograph 4. Photograph depicting purple needlegrass grassland within the southern portion of the Project Area.
Photograph 5. Photo depicting riparian wetland adjacent to Roseland Creek within the western portion of the Project Area.

Photograph 6. Photograph depicting non-native annual grassland with dying black walnut (*Juglans hindsii*) in the northern portion of the Project Area.
APPENDIX A-3
TREE SURVEY REPORT
Tree Survey Report

Roseland Creek Community Park
SANTA ROSA, SONOMA COUNTY, CALIFORNIA

Prepared For:
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WRA Project No:
26067
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1.0 INTRODUCTION

On July 3, and July 12, 2018, WRA, Inc. (WRA) conducted an arborist survey at the site of the proposed Roseland Creek Community Park (Study Area), located southeast of the intersection of Hughes Avenue and Burbank Avenue (APN #’s: 125-331-001, 125-252-002, 125-252-003, and 125-252-004) in the southwest quadrant of the City of Santa Rosa, Sonoma County, California. The survey was conducted by ISA-Certified Arborists, Scott Yarger (ISA #WE-9300A) and Gavin Albertoli (ISA #WE-12027A), for the purpose of identifying and documenting the presence of “heritage trees” as defined by Chapter 17-24, “Trees” of the Santa Rosa City Code (Tree Ordinance) within and directly adjacent to proposed project improvements within the Study Area. GPS locations for all the protected trees surveyed within the Study Area and information regarding the species, size in diameter at breast height (DBH; as measured 4.5 feet above grade), estimated crown radius, estimated height, and health, condition, and structure ratings were collected and are included in this report. A table with all the relevant information pertaining to surveyed trees is provided in Appendix A. A tree survey location map is provided in Appendix B. Representative photographs are provided in Appendix C.

1.1 Study Area Description

The site of the proposed Roseland Creek Community Park is approximately 19.49 acres, and is composed of four separate parcels across from Roseland Creek Elementary School, on Burbank Avenue in the southwest quadrant of the City of Santa Rosa. Three of the four parcels have been previously developed to some degree and contain occupied or abandoned structures, but the majority of the land remains undeveloped and is composed of open non-native annual grassland, riparian woodland abutting Roseland Creek, and valley oak (Quercus lobata) woodland. The two northernmost parcels are currently accessible and in use by the public, as evidenced by numerous social trails crossing the site. The Study Area is bisected by Roseland Creek, an intermittent United States Geological Survey (USGS) “blue-line” stream, which flows through the Study Area in a westerly direction. The Study Area is focused and delineated based on georeferenced AutoCAD data of proposed park improvements buffered by 15 feet on all sides.

The City has prepared a preliminary conceptual site plan for park improvements which include: a public gathering area, restrooms, shaded pavilion, nature center, sport courts, picnic areas, an open turf/multi-use field, parking lot, and a network of universally accessible trails which would potentially include two footbridges across Roseland Creek where existing, old footbridges currently cross the creek.

1.2 Regulatory Background

City of Santa Rosa Tree Ordinance

The City of Santa Rosa recognizes the aesthetic, environmental, and economic benefits mature trees provide to the citizens of the City. Chapter 17-24, “Trees” of the Santa Rosa City Code (Tree Ordinance) regulates the protection of certain trees on public and private properties within the City limits. The Tree Ordinance defines a “heritage tree” as:

- valley oak (Quercus lobata), blue oak (Q. douglasii), or buckeye (Aesculus californica) 19 inches circumference at breast height (measured at 4.5 feet above ground; or 6 inches diameter at breast height [DBH]) or greater;
- Pacific madrone (*Arbutus menziesii*) 38 inches circumference (12 inches DBH) or greater;
- coast live oak (*Quercus agrifolia*), black oak (*Q. kelloggii*), Oregon oak (*Q. garryana*), canyon live oak (*Q. chrysolepis*), interior live oak (*Q. wislizenii*), red alder (*Alnus rubra* [*A. oregona*]), or white alder (*A. rhombifolia*) 57 inches circumference (18 inches DBH) or greater; or
- Coast redwood (*Sequoia sempervirens*), California bay (*Umbellularia californica*), Douglas fir (*Pseudotsuga menziesii*), or big-leaf maple (*Acer macrophyllum*) 75 inches circumference (24 inches DBH) or greater.

A Tree Permit is generally required for the removal, alteration or relocation of any “heritage tree”, “protected tree” (i.e. any tree, including a heritage tree, designated to be preserved on an approved development plan or as a condition of approval of a tentative map, a tentative parcel map, or other development approval issued by the City), or “street tree” (i.e. any tree having a single trunk circumference greater than 6.25 inches or a diameter greater than 2 inches, a height of more than six feet, and one half or more of its trunk is within a public right of way or within 5 feet of the paved portion of a City street or a public sidewalk), except as exempted in Section 17-24.030 of the Tree Ordinance. Several non-native species including acacia, silver maple, ailanthus, hawthorn, fruitless mulberry, privet, Pyracantha, Monterey pine, Monterey cypress, and fruit and nut trees (except walnut) are exempt from the provisions of the ordinance. Trees, other than heritage trees, situated within City owned parks and other City owned or controlled places when altered, removed, or relocated by City employees or by contractors retained by the City are also exempt.

### 2.0 METHODS

On July 3, and July 12, 2018 the Study Area was traversed on foot to inventory all heritage trees as defined per the City of Santa Rosa Tree Ordinance. WRA’s ISA-Certified Arborists surveyed the area and recorded relevant tree information for each surveyed tree including species, DBH, estimated crown radius, estimated height, and health, condition and structure ratings.

#### 2.1 Tree Inventory

Locations of heritage trees within or directly adjacent and overhanging into the survey area were recorded using a handheld GPS unit with sub-meter accuracy. Each heritage tree was given an aluminum tree tag with unique identification number. However, in many cases, prolific poison oak (*Toxicodendron diversilobum*) vines on tree trunks prevented tagging trees. In this case, the tree was given a unique, sequential identification number but the tree was not tagged. Trees that were not tagged show “No tag” in the comment column of the tree survey table (Appendix A).

Diameter at Breast Height was calculated for surveyed trees by measuring the trunk diameter at 4.5 ft. above grade. DBH for multi-trunked trees was calculated by measuring each individual trunk and calculating the sum total of trunk diameters. In cases where multi-trunked trees had more than five main trunks, only the five largest trunks were measured. In cases where an irregular buttress or bulge occurred at two feet above ground or DBH, measurements were taken above or below the irregular feature in order to best represent the size of the tree. In cases where prolific poison oak prevented access to the trunk of the tree, DBH was estimated.
2.2 Tree Assessment

General notes on the condition of trees were taken, including health, structure, and overall condition. Assessment of the health, structure, and overall condition of each tree was conducted according to the narratives listed in Table 1.

Table 1. Rating Narratives for Tree Assessment

<table>
<thead>
<tr>
<th>Health</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>Tree is free from symptoms of disease and stress.</td>
</tr>
<tr>
<td>Fair</td>
<td>Tree shows some symptoms of disease or stress including twig and small branch dieback, evidence of fungal / parasitic infection, thinning of crown, or poor leaf color.</td>
</tr>
<tr>
<td>Poor</td>
<td>Tree shows symptoms of severe decline.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Structure</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>Tree is free from major structural defects.</td>
</tr>
<tr>
<td>Fair</td>
<td>Tree shows some structural defects in branches but overall structure is stable.</td>
</tr>
<tr>
<td>Poor</td>
<td>Tree shows structural failure of a major branch or co-dominant trunk.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Condition</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>Tree shows condition of foliage, bark, and overall structure characteristic of the species and lacking obvious defect, or disease.</td>
</tr>
<tr>
<td>Fair</td>
<td>Tree shows condition of foliage, bark, and overall structure characteristic of the species with some evidence of stress, defect, or disease.</td>
</tr>
<tr>
<td>Poor</td>
<td>Tree shows condition of foliage, bark, and overall structure uncharacteristic of the species with obvious evidence of stress, defect, or disease.</td>
</tr>
</tbody>
</table>

2.3 Tree Impact Assessment

Potential impacts to heritage trees were analyzed in GIS. The most recent proposed Project footprints (Design Workshop 2018) were overlaid on tree survey data to determine which trees will potentially be impacted by removal or potential root or branch pruning (Appendix B). Any tree directly in the pathway of proposed new trails or other park improvements was considered to be a potential removal impact. Trees within the 15 foot buffer from proposed park improvements were considered to be a potential root or branch pruning impact. Trees outside of the buffer areas which overhang the buffer area were also considered to be a potential root or branch pruning impact, although less likely. Potential tree impacts that may require a permit from the City of Santa Rosa include removal or encroachment into the dripline of any heritage tree. The results of the impacts analysis is provided below and shown in Appendix A.
3.0 RESULTS

3.1 Tree Inventory

A total of 355 trees, all of which are heritage trees, were identified within the Study Area. A complete list of all trees surveyed is presented in Appendix A. The GPS locations of surveyed trees are shown in Appendix B. Heritage trees present within the Study Area were predominantly valley oak (*Quercus lobata*), but also include coast live oak (*Quercus agrifolia*), California buckeye (*Aesculus californica*), and coast redwood (*Sequoia sempervirens*). The heritage trees range in size from 6 inches to 111 inches in diameter (measured at 4.5 feet above ground). The largest tree surveyed was a 111.0-inch multi-trunk valley oak (tree #28). The largest single-trunk tree surveyed was a 61.5-inch valley oak (tree #113). Approximate canopy radii averaged from 2 to 60 feet. Approximate height ranged from 10 to 68 feet.

3.2 Tree Assessment

The overall condition, health, and structure of trees inventoried during this assessment ranged from poor to good, with most trees ranking fair in health, structure, and general condition. A total of 220 of the trees surveyed within the Study Area ranked fair in general condition with most trees displaying little to no signs of maladies or decline in vigor. Seventy-four (74) percent of the trees ranked fair in health with the remaining 26 percent ranking good, further indicating the large quantity of visibly healthy trees surveyed within the Study Area. The majority of trees surveyed ranked fair in structure with 2 trees (tree #305 and tree #247) being ranked poor due to having a poor growth form with excessive lean. The species composition of trees surveyed was dominated by valley oak at 98 percent of total trees surveyed. Many of the valley oaks in the northern portion of the Study Area surveyed occurred within a crowded environment promoting vertical growth and inhibiting good lateral structure formation. Trees displaying signs of suppression were noted on the tree survey table (Appendix A). Table 2 below summarizes the assessment results for all heritage trees surveyed.

<table>
<thead>
<tr>
<th>Criteria Assessed/Rating</th>
<th>Condition</th>
<th>Health</th>
<th>Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>134 (38%)</td>
<td>92 (26%)</td>
<td>59 (16%)</td>
</tr>
<tr>
<td>Fair</td>
<td>220 (62%)</td>
<td>263 (74%)</td>
<td>294 (83%)</td>
</tr>
<tr>
<td>Poor</td>
<td>1 (&lt; 1%)</td>
<td>0 (0%)</td>
<td>2 (1%)</td>
</tr>
</tbody>
</table>

3.3 Tree Impact Assessment

The Project has been designed to avoid impacts to heritage trees through a variety of measures including siting trails and project improvements away from significant heritage trees, and use of elevated boardwalk structures to avoid compaction within adjacent tree root zones. However, a total of four heritage trees have been identified as unavoidably needing to be removed to accommodate the proposed project plans, i.e. they are directly in-line with trail alignments and/or paved surfaces. Heritage trees which will potentially be removed are all valley oak ranging in size from 9 inches to 18.1 inches DBH. In addition, a total of 18 heritage trees may require pruning as they are located directly adjacent to planned improvements including trail alignments or paved surfaces. Potential impacts to the canopy or root system could include damage to branches or trunk during construction, ripping or tearing roots during subgrade excavation, or smothering
roots due to soil compaction or grade fills. These types of injuries can lead to reduced tree vigor, increased susceptibility to pathogens or pests, or in severe cases eventual tree decline or death. Potential permit, mitigation, and tree protection requirements as required by the Tree Ordinance are provided below.

4.0 SUMMARY AND RECOMMENDATIONS

A tree removal permit will be required for any alteration, removal, or relocation of heritage trees. The City of Santa Rosa may require replacement plantings as a condition of approval in order to mitigate for the loss of functions provided by trees to be removed including shade, erosion control, groundwater replenishment, visual screening, and wildlife habitat. Replacement trees, if required, shall be planted in accordance with the following criteria from the Tree Ordinance:

- For each 6 inches or fraction thereof of the diameter of a tree which was approved for removal, two trees of the same genus and species as the removed tree (or another species, if approved by the City), each of a minimum 15-gallon container size, shall be planted on the project site, provided however, that an increased number of smaller size trees of the same genus and species may be planted if approved by the City, or a fewer number of such trees of a larger size if approved by the City.

- If the development site is inadequate in size to accommodate the replacement trees, the trees shall be planted on public property with the approval of the Director of the City’s Recreation and Parks Department. Upon the request of the developer and the approval of the Director, the City may accept an in-lieu payment of $100.00 per 15-gallon replacement tree on condition that all such payments shall be used for tree-related educational projects and/or planting programs of the City.

As described above, the Project will potentially remove four heritage trees. Under the Tree Ordinance, trees, other than heritage trees, situated within City owned parks and other City-owned or controlled places do not require a tree removal permit when altered, removed, or relocated by City employees or by contractors retained by the City. Since the Project proponent is the City of Santa Rosa, and the Project is located either on City-owned property, or areas where the City will obtain an easement, it is assumed that four heritage trees would require a tree removal permit.

Assuming only heritage trees will require a permit, the four heritage trees within the Study Area have a combined DBH of 58 inches which could potentially require 10 replacement trees following the criteria outlined above. Actual permit and mitigation requirements will be dependent on actual total of trees needing to be removed, and ultimately determined by the City.

In addition to the heritage trees anticipated to be removed, the Project will include trail construction within the root zones (defined by the Tree Ordinance as the outer extent of the tree dripline, plus 10 feet) of heritage trees to be preserved. Potential impacts to the canopy or root systems of trees selected for preservation could include damage to branches or trunk during construction, ripping or tearing roots during subgrade excavation, or smothering roots due to soil compaction or grade fills. These types of injuries can lead to reduced tree vigor, increased susceptibility to pathogens or pests, or in severe cases eventual tree decline or death. As described above, the
Project has been designed to avoid direct and indirect impacts to heritage trees. In order to avoid and minimize any further damage to existing trees the following measures are recommended during the Project construction where construction activities overlap with heritage tree root zones:

- A Tree Protection Zone (TPZ) equal to the dripline radius plus 10 feet shall be the standard TPZ for heritage trees selected for preservation in which ground disturbance shall be limited to the maximum extent feasible.
- Where possible, temporary protective fencing shall be installed around the TPZ of each tree designated for preservation prior to commencement of any construction activity conducted within 25’ of the TPZ, of a tree designated for preservation.
- Many existing trees in the Project Area selected for preservation are situated too close to project improvements (e.g. trail alignments), where fencing around the TPZ is infeasible. In those cases, high visibility temporary fencing shall be wrapped around the tree trunk to signify the tree is to be saved and to alert machine operators to avoid damaging the tree. Extreme caution shall be taken to avoid mechanical injury to tree trunks, scaffold branches and root flares. As soon as required work is complete within the TPZ, temporary protective fencing shall be installed around the TPZ and shall remain in place as long as ground disturbance activities are taking place.
- The fence shall consist of highly visible material (e.g. orange safety fencing) to prevent inadvertent encroachment by heavy machinery. Heavy equipment use, excavation, fill, grading, trenching, drainage changes or other soil disturbance shall be limited within the TPZ. Material storage, vehicle parking, and trash disposal shall not occur within the TPZ.
- Grading and soil compacting shall be restricted within the TPZ to the maximum extent feasible. If any significant roots (2 inch diameter or greater) are uncovered within the TPZ they shall be kept moist at all times with use of damp burlap fabric, and buried as soon as feasible.
- Grading and/or trail construction within the TPZ of heritage trees shall be monitored periodically by a Certified Arborist. All necessary tree work should be performed by an ISA-Certified Arborist or comparable tree specialist. Improper pruning can be harmful to health and structure of trees. No tree pruning will be permitted unless approved by a Certified Arborist. Any pruning of existing trees shall be performed by a licensed tree care professional and shall comply with the ANSI A300 standards and International Society of Arboriculture (ISA) Best Management Practices for Tree Pruning. All tree pruning tools must be cleaned prior to and after use. All branches being removed shall be cut to, but not beyond, the branch collar. All pruning shall be done in a way that maintains the balance and structure of the tree.
- Site drainage should be designed to create positive drainage away from the trunk of preserved trees, and to prevent ponding within the TPZ. Supplemental irrigation of 1 to 2 inches monthly, may be necessary within the TPZ of preserved trees during construction within the dry season.

The following relevant tree protection measures during construction may be required as a condition of approval, as excerpted from Section 17-24.050 of the Tree Ordinance:

(1) Before the start of any clearing, excavation, construction or other work on the site, every protected tree shall be securely fenced off at the “protected perimeter,” which shall be either the root zone or other limit as may be established by the City. Such fences shall
remain continuously in place for the duration of all work undertaken in connection with the development. The area so fenced off shall not be used as a storage area or altered or disturbed except as may be permitted under this subsection.

(2) If the proposed development, including any site work for the development, will encroach upon the protected perimeter of a protected tree, special measures shall be utilized, as approved by the Director or the Planning Commission, to allow the roots to obtain oxygen, water, and nutrients as needed. Any excavation, cutting, filling, or compaction of the existing ground surface within the protected perimeter, if authorized at all by the Director, shall be minimized and subject to such conditions as may be imposed by the Director. No significant change in existing ground level shall be made within the drip line of a protected tree. No burning or use of equipment with an open flame shall occur near or within the protected perimeter. All brush, earth and other debris shall be removed in a manner which prevents injury to the protected tree.

(3) No oil, gas, chemicals or other substances that may be harmful to trees shall be stored or dumped within the protected perimeter of any protected tree, or at any other location on the site from which such substances might enter the perimeter of a protected tree. No construction materials shall be stored within the protected perimeter of a protected tree.

(4) Underground trenching for utilities shall avoid major support and absorbing tree roots of protected trees. If avoidance is impractical, tunnels shall be made below the roots. Trenches shall be consolidated to service as many units as possible. Trenching within the drip line of protected trees shall be avoided to the greatest extent possible and shall only be done under the on-site directions of a Certified Arborist.

(5) No concrete or asphalt paving shall be placed over the root zones of protected trees [selected for preservation]. No artificial irrigation shall occur within the root zone of oaks.

(6) No compaction of the soil within the root zone of protected trees [selected for preservation] shall occur.

Additional measures may be required as a conditions of approval, as outlined in Section 17-24.050 of the Tree Ordinance.
5.0 REFERENCES


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APPENDIX A

TREE SURVEY TABLE
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Appendix A. Roseland Creek Park Heritage Tree Survey, July 2018

Tag ID
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50

Species
Quercus agrifolia
Sequoia sempervirens
Quercus lobata
Quercus lobata
Quercus lobata
Quercus lobata
Quercus lobata
Quercus lobata
Quercus lobata
Aesculus californica
Quercus lobata
Quercus lobata
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Quercus lobata

Common Name
coast live oak
redwood
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
California buckeye
Valley oak
Valley oak
Valley oak
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Valley oak

MultiTotal DBH
stem DBH_1 DBH_2 DBH_3 DBH_4 DBH_5 (inches)
Yes
19.1
19.9
0.0
0.0
0.0
39.0
No
26.0
0.0
0.0
0.0
0.0
26.0
No
43.1
0.0
0.0
0.0
0.0
43.1
No
19.7
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0.0
0.0
19.7
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22.0
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22.0
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9.8
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6.5

Ordinance Status
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
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A‐1

Potential Impact
No Impact
No Impact
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No Impact
Removal
Root Zone
Removal
No Impact
No Impact
No Impact
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No Impact
No Impact

Dripline
(feet)
30
15
50
30
30
30
30
30
40
10
30
30
8
12
10
25
15
20
15
15
12
14
2
8
25
40
8
60
15
25
20
18
22
25
25
15
6
8
28
18
25
25
16
40
30
30
38
14
35
9

Height
(feet)
45
50
60
45
40
40
35
40
50
20
50
45
30
20
35
45
35
35
25
25
25
40
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65
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25
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12
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18
55
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Condition
Good
Good
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Structure
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Comment
Codominant trunk.
Minor decay/dieback.

Supressed.
Poor growth form; lean. Supressed.
Supressed.
Dominant.
Minor decay/dieback.
Minor decay/dieback.
Minor decay/dieback.

Supressed.
Supressed.
Supressed.
No tag. Estimated DBH. Covered in poison oak.
Supressed. Minor decay/dieback.
Dominant.
No tag. Estimated DBH. Covered in poison oak.
Supressed.

Supressed.

Supressed.
Poor growth form; lean. Supressed.
Dominant.
Poor growth form; lean. Supressed.
Dominant.
Poor growth form; lean. Supressed.
Dominant.
No tag. Estimated DBH. Covered in poison oak.


Appendix A. Roseland Creek Park Heritage Tree Survey, July 2018

Tag ID
51
52
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100

Species
Quercus lobata
Quercus lobata
Quercus lobata
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Quercus lobata

Common Name
Valley oak
Valley oak
Valley oak
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MultiTotal DBH
stem DBH_1 DBH_2 DBH_3 DBH_4 DBH_5 (inches)
Yes
11.5
11.0
0.0
0.0
0.0
22.5
No
6.1
0.0
0.0
0.0
0.0
6.1
No
7.0
0.0
0.0
0.0
0.0
7.0
No
7.0
0.0
0.0
0.0
0.0
7.0
Yes
3.5
3.5
0.0
0.0
0.0
7.0
Yes
5.5
3.5
0.0
0.0
0.0
9.0
No
7.5
0.0
0.0
0.0
0.0
7.5
No
6.0
0.0
0.0
0.0
0.0
6.0
Yes
6.5
5.5
0.0
0.0
0.0
12.0
No
6.5
0.0
0.0
0.0
0.0
6.5
No
10.0
0.0
0.0
0.0
0.0
10.0
No
8.0
0.0
0.0
0.0
0.0
8.0
No
6.0
0.0
0.0
0.0
0.0
6.0
No
6.0
0.0
0.0
0.0
0.0
6.0
No
6.0
0.0
0.0
0.0
0.0
6.0
No
8.0
0.0
0.0
0.0
0.0
8.0
No
6.2
0.0
0.0
0.0
0.0
6.2
No
7.0
0.0
0.0
0.0
0.0
7.0
Yes
6.0
4.0
4.0
0.0
0.0
14.0
Yes
10.0
5.5
0.0
0.0
0.0
15.5
No
6.5
0.0
0.0
0.0
0.0
6.5
No
6.0
0.0
0.0
0.0
0.0
6.0
No
6.0
0.0
0.0
0.0
0.0
6.0
No
6.0
0.0
0.0
0.0
0.0
6.0
Yes
4.0
2.0
0.0
0.0
0.0
6.0
No
7.0
0.0
0.0
0.0
0.0
7.0
No
6.3
0.0
0.0
0.0
0.0
6.3
No
6.0
0.0
0.0
0.0
0.0
6.0
No
14.0
0.0
0.0
0.0
0.0
14.0
No
6.0
0.0
0.0
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6.0
No
6.0
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0.0
0.0
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6.0
No
10.0
0.0
0.0
0.0
0.0
10.0
Yes
13.0
5.6
0.0
0.0
0.0
18.6
No
9.0
0.0
0.0
0.0
0.0
9.0
Yes
5.1
3.6
0.0
0.0
0.0
8.7
Yes
5.5
5.5
0.0
0.0
0.0
11.0
Yes
14.2
12.0
0.0
0.0
0.0
26.2
No
11.1
0.0
0.0
0.0
0.0
11.1
Yes
11.1
7.5
6.0
0.0
0.0
24.6
No
6.1
0.0
0.0
0.0
0.0
6.1
No
14.0
0.0
0.0
0.0
0.0
14.0
No
7.8
0.0
0.0
0.0
0.0
7.8
Yes
11.0
9.0
8.5
0.0
0.0
28.5
No
6.0
0.0
0.0
0.0
0.0
6.0
Yes
4.0
2.0
0.0
0.0
0.0
6.0
No
6.0
0.0
0.0
0.0
0.0
6.0
No
7.5
0.0
0.0
0.0
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7.5
No
7.1
0.0
0.0
0.0
0.0
7.1
No
6.1
0.0
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6.1
No
7.1
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7.1

Ordinance Status
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A‐2

Potential Impact
No Impact
No Impact
No Impact
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No Impact
Root Zone
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Root Zone
No Impact
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Root Zone
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Dripline
(feet)
25
5
5
5
4
8
15
8
10
8
18
18
6
10
10
18
10
10
20
16
10
8
8
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5
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18
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25
16
25
14
6
8
25
15
20
10
25
8
20
8
5
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8
15

Height
(feet)
35
20
25
20
20
20
45
25
25
25
18
30
35
35
30
35
25
18
30
25
35
15
25
25
12
30
25
20
35
30
25
28
25
25
25
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Condition
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Fair
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Health
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Structure
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Comment

No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.
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No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
Supressed.
No tag. Estimated DBH. Covered in poison oak.

Minor decay/dieback.
Minor decay/dieback. Epicormic sprouts.
Supressed.


Appendix A. Roseland Creek Park Heritage Tree Survey, July 2018

Tag ID
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149
150

Species
Aesculus californica
Quercus lobata
Quercus lobata
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Aesculus californica
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Quercus lobata

Common Name
California buckeye
Valley oak
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California buckeye
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Valley oak

MultiTotal DBH
stem DBH_1 DBH_2 DBH_3 DBH_4 DBH_5 (inches)
Yes
4.0
3.0
4.0
4.0
0.0
15.0
No
8.5
0.0
0.0
0.0
0.0
8.5
No
26.3
0.0
0.0
0.0
0.0
26.3
No
10.1
0.0
0.0
0.0
0.0
10.1
No
7.0
0.0
0.0
0.0
0.0
7.0
No
8.5
0.0
0.0
0.0
0.0
8.5
No
16.5
0.0
0.0
0.0
0.0
16.5
Yes
7.4
9.0
0.0
0.0
0.0
16.4
No
10.0
0.0
0.0
0.0
0.0
10.0
No
7.5
0.0
0.0
0.0
0.0
7.5
No
6.3
0.0
0.0
0.0
0.0
6.3
No
18.0
0.0
0.0
0.0
0.0
18.0
No
61.5
0.0
0.0
0.0
0.0
61.5
No
13.0
0.0
0.0
0.0
0.0
13.0
No
15.0
0.0
0.0
0.0
0.0
15.0
No
8.0
0.0
0.0
0.0
0.0
8.0
No
14.0
0.0
0.0
0.0
0.0
14.0
No
19.6
0.0
0.0
0.0
0.0
19.6
No
16.9
0.0
0.0
0.0
0.0
16.9
Yes
9.5
8.5
0.0
0.0
0.0
18.0
No
20.0
0.0
0.0
0.0
0.0
20.0
No
18.5
0.0
0.0
0.0
0.0
18.5
Yes
3.0
4.0
2.5
0.0
0.0
9.5
Yes
3.0
2.0
2.5
1.0
0.0
8.5
No
17.3
0.0
0.0
0.0
0.0
17.3
Yes
4.0
3.2
3.5
3.0
2.0
15.7
No
16.5
0.0
0.0
0.0
0.0
16.5
No
13.9
0.0
0.0
0.0
0.0
13.9
No
29.0
0.0
0.0
0.0
0.0
29.0
No
18.5
0.0
0.0
0.0
0.0
18.5
No
18.6
0.0
0.0
0.0
0.0
18.6
No
32.0
0.0
0.0
0.0
0.0
32.0
No
17.5
0.0
0.0
0.0
0.0
17.5
Yes
20.0
9.0
0.0
0.0
0.0
29.0
Yes
7.5
15.0
5.0
0.0
0.0
27.5
No
34.0
0.0
0.0
0.0
0.0
34.0
No
11.7
0.0
0.0
0.0
0.0
11.7
Yes
10.0
12.2
0.0
0.0
0.0
22.2
Yes
5.5
2.0
0.0
0.0
0.0
7.5
No
18.0
0.0
0.0
0.0
0.0
18.0
No
24.0
0.0
0.0
0.0
0.0
24.0
No
11.6
0.0
0.0
0.0
0.0
11.6
No
27.0
0.0
0.0
0.0
0.0
27.0
No
10.0
0.0
0.0
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10.0
No
7.5
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7.5
No
6.5
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6.5
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6.5
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6.5
No
7.5
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0.0
0.0
7.5
No
7.5
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7.5

Ordinance Status
Heritage Tree
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A‐3

Potential Impact
No Impact
No Impact
No Impact
No Impact
No Impact
Root Zone
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
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No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
Removal
No Impact
No Impact
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No Impact
No Impact
Root Zone
No Impact
No Impact

Dripline
(feet)
18
18
28
24
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18
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Height
(feet)
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26
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35
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33
45
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68
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Condition
Fair
Good
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Structure
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Comment
Supressed.
Supressed.
Supressed.
Supressed.

Supressed.
Supressed.

No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.

Poor growth form; lean. Supressed.
Poor growth form; lean. Supressed.
No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.
Supressed.


Appendix A. Roseland Creek Park Heritage Tree Survey, July 2018

Tag ID
151
152
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Species
Quercus lobata
Quercus lobata
Quercus lobata
Quercus lobata
Quercus lobata
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Quercus lobata

Common Name
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
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Valley oak

MultiTotal DBH
stem DBH_1 DBH_2 DBH_3 DBH_4 DBH_5 (inches)
No
7.5
0.0
0.0
0.0
0.0
7.5
Yes
7.0
6.0
0.0
0.0
0.0
13.0
No
6.1
0.0
0.0
0.0
0.0
6.1
Yes
8.0
6.0
4.0
0.0
0.0
18.0
No
6.3
0.0
0.0
0.0
0.0
6.3
No
6.5
0.0
0.0
0.0
0.0
6.5
Yes
7.5
5.5
0.0
0.0
0.0
13.0
Yes
6.5
3.0
8.0
0.0
0.0
17.5
No
7.0
0.0
0.0
0.0
0.0
7.0
No
7.2
0.0
0.0
0.0
0.0
7.2
No
7.5
0.0
0.0
0.0
0.0
7.5
Yes
6.0
4.0
6.5
0.0
0.0
16.5
No
6.0
0.0
0.0
0.0
0.0
6.0
No
8.0
0.0
0.0
0.0
0.0
8.0
No
8.2
0.0
0.0
0.0
0.0
8.2
No
8.7
0.0
0.0
0.0
0.0
8.7
No
8.0
0.0
0.0
0.0
0.0
8.0
Yes
7.5
6.0
1.0
1.5
0.0
16.0
No
6.0
0.0
0.0
0.0
0.0
6.0
Yes
10.5
9.0
8.0
8.0
4.0
39.5
Yes
11.0
6.0
0.0
0.0
0.0
17.0
No
7.5
0.0
0.0
0.0
0.0
7.5
Yes
6.0
4.0
0.0
0.0
0.0
10.0
Yes
8.1
3.2
0.0
0.0
0.0
11.3
No
6.0
0.0
0.0
0.0
0.0
6.0
No
8.3
0.0
0.0
0.0
0.0
8.3
No
6.3
0.0
0.0
0.0
0.0
6.3
No
7.7
0.0
0.0
0.0
0.0
7.7
No
8.0
0.0
0.0
0.0
0.0
8.0
No
6.3
0.0
0.0
0.0
0.0
6.3
No
6.8
0.0
0.0
0.0
0.0
6.8
No
10.4
0.0
0.0
0.0
0.0
10.4
Yes
8.2
9.0
0.0
0.0
0.0
17.2
No
7.5
0.0
0.0
0.0
0.0
7.5
Yes
10.0
8.5
0.0
0.0
0.0
18.5
No
20.0
0.0
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0.0
20.0
No
9.1
0.0
0.0
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9.1
No
6.1
0.0
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0.0
0.0
6.1
Yes
26.0
21.0
0.0
0.0
0.0
47.0
No
10.2
0.0
0.0
0.0
0.0
10.2
No
8.0
0.0
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0.0
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8.0
No
8.9
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8.9
No
6.1
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7.6
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7.6
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7.3
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6.4
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6.4
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Ordinance Status
Heritage Tree
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A‐4

Potential Impact
Root Zone
No Impact
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Root Zone
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Dripline
(feet)
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Height
(feet)
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Condition
Fair
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Comment

Supressed.

No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.

Supressed.

No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.
Poor growth form; lean. Supressed.

Poor growth form; lean. Supressed.


Appendix A. Roseland Creek Park Heritage Tree Survey, July 2018

Tag ID
201
202
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Species
Quercus lobata
Quercus lobata
Quercus lobata
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Quercus lobata
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Quercus agrifolia
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Quercus lobata

Common Name
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
coast live oak
Valley oak
Valley oak
Valley oak
Valley oak
Valley oak
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Valley oak

MultiTotal DBH
stem DBH_1 DBH_2 DBH_3 DBH_4 DBH_5 (inches)
No
7.1
0.0
0.0
0.0
0.0
7.1
No
7.1
0.0
0.0
0.0
0.0
7.1
No
7.1
0.0
0.0
0.0
0.0
7.1
Yes
13.0
13.0
0.0
0.0
0.0
26.0
No
6.5
0.0
0.0
0.0
0.0
6.5
Yes
10.0
9.9
0.0
0.0
0.0
19.9
No
21.2
0.0
0.0
0.0
0.0
21.2
No
14.0
0.0
0.0
0.0
0.0
14.0
No
18.5
0.0
0.0
0.0
0.0
18.5
No
16.0
0.0
0.0
0.0
0.0
16.0
No
6.0
0.0
0.0
0.0
0.0
6.0
No
19.0
0.0
0.0
0.0
0.0
19.0
No
7.5
0.0
0.0
0.0
0.0
7.5
No
7.3
0.0
0.0
0.0
0.0
7.3
No
12.0
0.0
0.0
0.0
0.0
12.0
No
6.5
0.0
0.0
0.0
0.0
6.5
No
11.0
0.0
0.0
0.0
0.0
11.0
No
13.0
0.0
0.0
0.0
0.0
13.0
No
10.0
0.0
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0.0
0.0
10.0
No
8.0
0.0
0.0
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0.0
8.0
Yes
5.5
5.0
0.0
0.0
0.0
10.5
No
7.5
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0.0
0.0
7.5
No
38.0
0.0
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0.0
0.0
38.0
No
17.0
0.0
0.0
0.0
0.0
17.0
Yes
10.0
9.0
0.0
0.0
0.0
19.0
No
9.0
0.0
0.0
0.0
0.0
9.0
No
36.0
0.0
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36.0
No
10.0
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10.0
No
6.0
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6.0
No
14.0
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14.0
No
9.0
0.0
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9.0
No
6.2
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6.2
No
6.5
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7.5
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7.5
No
6.5
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0.0
0.0
6.5
Yes
5.1
5.1
0.0
0.0
0.0
10.2
No
6.5
0.0
0.0
0.0
0.0
6.5
No
6.0
0.0
0.0
0.0
0.0
6.0
No
8.6
0.0
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8.6
No
7.5
0.0
0.0
0.0
8.0
15.5
No
7.5
0.0
0.0
0.0
0.0
7.5
No
6.8
0.0
0.0
0.0
0.0
6.8
Yes
9.0
6.5
0.0
0.0
0.0
15.5
Yes
8.0
5.9
0.0
0.0
0.0
13.9
No
7.0
0.0
0.0
0.0
0.0
7.0
No
7.5
0.0
0.0
0.0
0.0
7.5
Yes
7.4
7.0
0.0
0.0
0.0
14.4

Ordinance Status
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
Heritage Tree
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Heritage Tree

A‐5

Potential Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
No Impact
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No Impact
No Impact
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No Impact

Dripline
(feet)
13
8
12
25
5
20
30
15
25
30
6
30
15
15
12
8
10
15
15
15
9
9
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25
15
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30
12
4
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7
10
14
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12
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12
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10
5
15
8
12
12
8
8
10

Height
(feet)
30
25
25
43
15
35
35
35
25
35
25
35
18
30
35
25
35
35
30
25
18
30
45
35
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22
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16
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22
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18
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26
20
26
22
28
25

Condition
Fair
Fair
Fair
Good
Fair
Good
Good
Fair
Fair
Good
Fair
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Comment

Dominant.
Poor growth form; lean. Supressed.
Dominant.
Supressed.
Supressed.
Supressed.
Mechanical injury.
Supressed.

Supressed.
Minor decay/dieback.

No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.


### Roseland Creek Park Heritage Tree Survey, July 2018

| Tag ID | Species                  | Common Name | Multi-stem | DBH_1 | DBH_2 | DBH_3 | DBH_4 | DBH_5 | Total DBH (inches) | Ordinance Status | Potential Impact | Drapile (feet) | Height (feet) | Condition | Health | Structure | Comment                      |
|--------|--------------------------|-------------|-----------|-------|-------|-------|-------|-------|------------------|-----------------|-----------------|----------------|-------------|------------|----------|---------|----------|-------------------------------|
| 255    | Quercus lobata           | Valley oak  | No        | 8.0   | 0.0   | 0.0   | 0.0   | 8.0   | 8.0              | Heritage Tree    | No Impact       | 7               | 25          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 266    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 8               | 30          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 277    | Quercus lobata           | Valley oak  | No        | 7.0   | 0.0   | 0.0   | 0.0   | 7.0   | 7.0              | Heritage Tree    | No Impact       | 8               | 30          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 288    | Quercus lobata           | Valley oak  | No        | 6.5   | 0.0   | 0.0   | 0.0   | 6.5   | 6.5              | Heritage Tree    | No Impact       | 8               | 22          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 299    | Quercus lobata           | Valley oak  | No        | 4.0   | 0.0   | 0.0   | 0.0   | 4.0   | 4.0              | Heritage Tree    | No Impact       | 5               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 310    | Quercus lobata           | Valley oak  | No        | 5.0   | 0.0   | 0.0   | 0.0   | 5.0   | 5.0              | Heritage Tree    | No Impact       | 5               | 25          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 321    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 6               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 332    | Quercus lobata           | Valley oak  | No        | 5.1   | 0.0   | 0.0   | 0.0   | 5.1   | 5.1              | Heritage Tree    | No Impact       | 8               | 22          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 343    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 8               | 22          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 354    | Quercus lobata           | Valley oak  | No        | 8.0   | 0.0   | 0.0   | 0.0   | 8.0   | 8.0              | Heritage Tree    | No Impact       | 8               | 25          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 365    | Quercus lobata           | Valley oak  | No        | 7.0   | 0.0   | 0.0   | 0.0   | 7.0   | 7.0              | Heritage Tree    | No Impact       | 9               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 376    | Quercus lobata           | Valley oak  | No        | 7.0   | 0.0   | 0.0   | 0.0   | 7.0   | 7.0              | Heritage Tree    | No Impact       | 10              | 20          | Good       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 387    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 9               | 15          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 399    | Quercus lobata           | Valley oak  | No        | 8.0   | 0.0   | 0.0   | 0.0   | 8.0   | 8.0              | Heritage Tree    | No Impact       | 10              | 15          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 410    | Quercus lobata           | Valley oak  | No        | 7.5   | 0.0   | 0.0   | 0.0   | 7.5   | 7.5              | Heritage Tree    | No Impact       | 7               | 25          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 421    | Quercus lobata           | Valley oak  | No        | 5.0   | 0.0   | 0.0   | 0.0   | 5.0   | 5.0              | Heritage Tree    | No Impact       | 9               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 432    | Quercus lobata           | Valley oak  | No        | 6.5   | 0.0   | 0.0   | 0.0   | 6.5   | 6.5              | Heritage Tree    | No Impact       | 10              | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 443    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 8               | 30          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 454    | Quercus lobata           | Valley oak  | No        | 7.0   | 0.0   | 0.0   | 0.0   | 7.0   | 7.0              | Heritage Tree    | No Impact       | 9               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 465    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 9               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 476    | Quercus lobata           | Valley oak  | No        | 8.0   | 0.0   | 0.0   | 0.0   | 8.0   | 8.0              | Heritage Tree    | No Impact       | 9               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 487    | Quercus lobata           | Valley oak  | No        | 7.0   | 0.0   | 0.0   | 0.0   | 7.0   | 7.0              | Heritage Tree    | No Impact       | 9               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 498    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 9               | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 509    | Quercus lobata           | Valley oak  | No        | 7.0   | 0.0   | 0.0   | 0.0   | 7.0   | 7.0              | Heritage Tree    | No Impact       | 10              | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 520    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 10              | 20          | Fair       | Fair     | No tag. Estimated DBH. Covered in poison oak. |
| 531    | Quercus lobata           | Valley oak  | No        | 7.0   | 0.0   | 0.0   | 0.0   | 7.0   | 7.0              | Heritage Tree    | No Impact       | 7               | 15          | Good       | Fair     | Suppressed. |
| 542    | Quercus lobata           | Valley oak  | No        | 5.0   | 0.0   | 0.0   | 0.0   | 5.0   | 5.0              | Heritage Tree    | No Impact       | 11              | 15          | Fair       | Fair     | Suppressed. |
| 553    | Quercus lobata           | Valley oak  | No        | 6.0   | 0.0   | 0.0   | 0.0   | 6.0   | 6.0              | Heritage Tree    | No Impact       | 9               | 15          | Fair       | Fair     | Suppressed. |
Appendix A. Roseland Creek Park Heritage Tree Survey, July 2018

Tag ID
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Species
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Common Name
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MultiTotal DBH
stem DBH_1 DBH_2 DBH_3 DBH_4 DBH_5 (inches)
No
28.2
0.0
0.0
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0.0
28.2
Yes
8.2
5.4
0.0
0.0
0.0
13.6
No
6.9
0.0
0.0
0.0
0.0
6.9
Yes
8.1
16.2
0.0
0.0
0.0
24.3
No
7.8
0.0
0.0
0.0
0.0
7.8
No
6.8
0.0
0.0
0.0
0.0
6.8
No
6.1
0.0
0.0
0.0
0.0
6.1
No
28.3
0.0
0.0
0.0
0.0
28.3
No
7.0
0.0
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0.0
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7.0
No
6.6
0.0
0.0
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6.6
Yes
7.0
6.5
3.5
0.0
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17.0
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7.2
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7.2
No
6.0
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0.0
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6.0
No
6.3
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0.0
0.0
0.0
6.3
No
6.1
0.0
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6.1
No
8.2
0.0
0.0
0.0
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8.2
Yes
6.8
7.3
0.0
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0.0
14.1
Yes
7.6
7.0
0.0
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14.6
No
7.6
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7.6
Yes
7.3
6.5
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13.8
No
7.3
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7.3
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11.0
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11.0
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6.2
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6.2
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7.9
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10.2
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10.2
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6.1
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6.1
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17.7
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8.9
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6.8
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17.7
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7.7
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7.7
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6.4
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12.4
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20.3
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6.5
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15.2
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Height
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Comment
Dominant.
Mechanical injury. Poor growth form; lean.

Poor growth form; lean. Supressed.

No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.
No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.

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No tag. Estimated DBH. Covered in poison oak.

No tag. Estimated DBH. Covered in poison oak.


## Appendix A. Roseland Creek Park Heritage Tree Survey, July 2018

| Tag ID | Species         | Common Name | Multi-stem | DBH_1 | DBH_2 | DBH_3 | DBH_4 | DBH_5 | Total DBH (inches) | Ordinance Status | Potential Impact | Dripline (feet) | Height (feet) | Condition | Health | Structure | Comment |
|--------|-----------------|-------------|------------|-------|-------|-------|-------|-------|-------------------|-----------------|-----------------|----------------|--------------|------------|----------|---------|----------|---------|
| 357    | Quercus lobata  | Valley oak  | No         | 6.3   | 0.0   | 0.0   | 0.0   | 0.0   | 6.3               | Heritage Tree   | No Impact       | 10            | 30          | Fair      | Fair     | Fair     |         |
| 358    | Quercus lobata  | Valley oak  | No         | 8.1   | 0.0   | 0.0   | 0.0   | 0.0   | 8.1               | Heritage Tree   | No Impact       | 20            | 30          | Fair      | Fair     | Fair     |         |
| 359    | Quercus lobata  | Valley oak  | No         | 9.2   | 0.0   | 0.0   | 0.0   | 0.0   | 9.2               | Heritage Tree   | No Impact       | 10            | 30          | Fair      | Fair     | Fair     |         |
| 360    | Quercus lobata  | Valley oak  | No         | 8.1   | 0.0   | 0.0   | 0.0   | 0.0   | 8.1               | Heritage Tree   | No Impact       | 20            | 27          | Fair      | Fair     | Fair     |         |
| 361    | Quercus lobata  | Valley oak  | Yes        | 4.5   | 6.0   | 0.0   | 0.0   | 0.0   | 10.5              | Heritage Tree   | No Impact       | 10            | 25          | Fair      | Fair     | Fair     |         |
APPENDIX B

TREE SURVEY MAP
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APPENDIX C

REPRESENTATIVE PHOTOGRAPHS
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Tree #3. 43.0” DBH valley oak (*Quercus lobata*) in the southern portion of the Study Area adjacent to Roseland Creek.

Tree #113. 61.5” DBH valley oak (*Quercus lobata*) in the southeastern portion of the Study Area.
Tree #47. 39.0" DBH valley oak (*Quercus lobata*) in the southern portion of the Study Area.

Representative photo of tree spacing in northern portion of the Study Area.
APPENDIX B
ARCHITECTURAL AND HISTORICAL EVALUATION
Historical Evaluation of the
Buildings at 1400 Burbank Avenue
Santa Rosa, Sonoma County, California

Vicki R. Beard, M.A.

May 31, 2011
Historical Evaluation of the
Buildings at 1400 Burbank Avenue
Santa Rosa, Sonoma County, California

Prepared by:

Vicki R. Beard, M.A.

Tom Origer & Associates
Post Office Box 1531
Rohnert Park, California 94927
(707) 584-8200
(707) 584-8300 (fax)

Prepared for:
Lori MacNab
City of Santa Rosa
Public Works Department
69 Stony Circle
Santa Rosa, California 95401

May 31, 2011
ABSTRACT

Tom Origer & Associates completed an architectural and historical evaluation of the buildings at 1400 Burbank Avenue in Santa Rosa, Sonoma County, California. The study was requested by the Lori MacNab of the City of Santa Rosa’s Public Works Department. The study was designed to determine if the buildings were eligible for inclusion on the California Register of Historical Resources based on the criteria set forth in Title 14 CCR, §4852, and follows guidelines for the California Environmental Quality Act.

Historical research was conducted at the Sonoma County Recorder’s Office, the office of the County Assessor, the City of Santa Rosa Community Development Department, the Sonoma County Library History Annex, and various on-line databases. The building was examined and photographs were taken of the exterior. In addition to this report, Department of Parks and Recreation (DPR) forms were completed (Appendix 1).

The study found that the building does not meet the eligibility criteria for inclusion on the California Register of Historical Resources as an individual property and does not contribute to an historic district. Documentation pertaining to the study is on file at Tom Origer & Associates (File No. 11-20BE).

Synopsis

Project: Evaluation of buildings at 1400 Burbank Avenue
Location: 1400 Burbank Avenue, Santa Rosa, Sonoma County, California
APN: 125-331-001
Quadrangle: Santa Rosa, California 7.5’ series
Study Type: Historical/architectural evaluation
Scope: Property specific
Finds: Does not appear eligible for the California Register as an individual property and is not a contributor to an historic district
Project Personnel

This report was prepared by Vicki R. Beard, who has been with Tom Origer & Associates since 1990. Ms. Beard holds a Master of Arts in cultural resources management with an emphasis in historic-period resources, and meets the Secretary of the Interior’s standards for archaeology, history, and architectural history. Graduate coursework and applied studies included building and structure evaluation, and historical research. Post-graduate work has been completed in historical architecture through the Architecture Department at the University of California Berkeley; heritage resource management at the University of Nevada, Reno; and architectural history and historic landscapes through the National Preservation Institute, Alexandria, Virginia. Professional affiliations include the Society of Architectural Historians, Northern California Chapter of the Society of Architectural Historians, and Vernacular Architecture Forum. She is also listed on the Register of Professional Archaeologists.
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INTRODUCTION

Tom Origer & Associates completed an architectural and historical evaluation of the buildings at 1400 Burbank Avenue in Santa Rosa, Sonoma County, California (Figure 1). The study was requested by the Lori MacNab of the City of Santa Rosa’s Public Works Department. This study focuses on the property’s eligibility for inclusion on the California Register of Historical Resources (California Register) as an individual resource, and addresses its potential to contribute to an historic district.

During this evaluation, the building was examined and photographed, and primary research was completed to determine if the property met criteria for inclusion on the California Register based on the eligibility criteria set forth in Title 14 CCR, §4852. The results of the study are presented in this report and on the Department of Parks and Recreation (DPR) forms provided in Appendix A. Documentation pertaining to the study is on file at Tom Origer & Associates (File No. 10-83BE).

REGULATORY CONTEXT

This study adhered to requirements of the California Environmental Quality Act (CEQA), which mandates that cultural resources be considered as part of the environmental review process. This is accomplished by an inventory of resources within a study area and assessing the potential that important cultural resources could be affected by a project.
Under CEQA, when a project might affect a cultural resource (i.e., site, building, structure, object, or district) the project proponent is required to conduct an assessment to determine whether the effect may be one that is significant. Consequently, it is necessary to determine the importance of resources that could be affected. The importance of a resource is measured in terms of criteria for inclusion on the California Register (Title 14 CCR, §4852) listed below. A resource may be important if it meets any one of the criteria below, or if it is already listed on the California Register or a local register of historical resources.

An important historical resource is one which:

1. Is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States.

2. Is associated with the lives of persons important to local, California, or national history.

3. Embodies the distinctive characteristics of a type, period, region or method of construction, or represents the work of a master, or possesses high artistic values.

4. Has yielded, or may be likely to yield, information important to the prehistory or history of the local area, California or the nation.

Previous Studies

In 1990, an architectural survey of southwest Santa Rosa was conducted by Dennis Harris and Susan Clark. Harris and Clark identified nine potential historic districts, which were reported by LSA in the *Southwest Santa Rosa Master Environmental Assessment* (LSA 1991:95-115, Appendix B). Included was the Burbank Avenue District, formed by 20 properties “[s]tretching for ten blocks along both sides of Burbank Avenue” (LSA 1991:108). The property at 1400 Burbank Avenue was included in the list Burbank Avenue properties. It was noted in the 1991 report that the Burbank Avenue District might lack architectural cohesiveness, and since that time no action has been taken to establish an official district.

Another study pertinent to the current project was conducted for the Stony Point Road reconstruction project in 1989. Although the Stony Point Road survey did not include the property on Burbank Avenue, it identified historic contexts applicable to the general area, including the significance of chicken farming and rural subdivisions (Praetzellis *et al.* 1989).
Figure 2. Study location (adapted from the USGS 1980 Santa Rosa 7.5’ map).
STUDY PROCEDURES

Archival Research

This study included archival research to understand land ownership and property residents, land use, and to determine historical ties relevant to this parcel. Archival research was completed at the Sonoma County Recorder’s Office, the office of the County Assessor, the Sonoma County Library History Annex, the offices of Tom Origer & Associates, and various online archives (such as Ancestry.Com and Family Search). Research results are presented in the Historical Overview and Historic Context sections of the report.

Field Survey

A field examination was conducted on May 24, 2011. All buildings were photographed, and notes were made regarding style, construction techniques, and modifications. Descriptions are provided in the Property Description section of the report.

HISTORICAL SETTING

The study parcel lies in southwest Santa Rosa (Figure 3), within the bounds of the Rancho Cabeza de Santa Rosa, an 8,885-acre grant made to María Ignacia López de Carrillo, the mother-in-law of General Mariano Vallejo. Traveling from San Diego in 1837, she brought seven of her children to settle on the rancho and built the first European dwelling in the Santa Rosa area (Hoover et al. 1990:479-480). After Señora Carrillo’s death in 1849, most of the rancho was divided among her children. James Eldridge filed a claim with the U.S. Lands Commission in 1853 for a 1,668-acre portion in the southwestern quadrant of the Cabeza de Santa Rosa. The claim was confirmed by the district court in 1857, and he received patent to the claim in 1880 (GLO 1880).

Eldridge sold some 320 acres in the southwest corner of the grant to Joseph McMinn, as shown in Figure 4. McMinn was an early settler in the Santa Rosa area having brought his family overland from Missouri in 1852.

As an adolescent, John McMinn traveled from Missouri to California with his family, arriving in Sonoma County in 1852, where he worked on his father’s farm southwest of Santa Rosa. He married Elizabeth Blair, also from Missouri, in 1861 (Munro-Fraser 1880:650), and together they had eleven children (United States Bureau of Census [USBS] 1910). The McMinns lived on the farm outside of Santa Rosa for many years, moving into town in 1888 when John retired from farming (Toumey 1926:656-657). They sold much of the old farm to Henry Davis near the turn of the 20th century (Figure 4), and their sons, John and James Ross, were deeded 40 acres in 1904 (Deeds 209:144).
John and James Ross sold 11 of their 40 acres to George Dutton in 1908 (Deeds 251:347), leaving them with 29 acres of the original 320-acre farm. Despite living in town, James Ross continued to farm the property, commuting from the family’s 5th Street home. His brother John left the area and was in San Francisco working as a bookkeeper by 1910 (USBC 1910). During the first decade of the 20th century, the area southwest of Santa Rosa was divided again and again, and the once sprawling farmland became a Santa Rosa suburb. Neighbor Henry Davis filed a plat for the West Roseland subdivision in 1912, dividing his parcels into small farm lots, creating Burbank Avenue as part of the subdivision(Maps 28:11).

James Ross McMinn began selling portions of his farm during the 1940s and 50s. A 3.5-acre parcel to the south of the current study area was sold to members of the Malde family in 1950. In 1960, he sold the current study parcel to Alf and Borghild Gunderson. Both of these families were Norwegian, and Alf’s sister Borgny was married to Paul Malde, who lived next door. The Gunderson family immigrated in 1928, and was in San Francisco in 1930 (USBC 1930).
HISTORIC CONTEXT

To evaluate the significance of a resource, it is necessary to understand historic patterns and themes that are important on national, state, and local levels. National Register Bulletin 15 provides insight into the use of historic contexts.

The significance of a historic property can be judged and explained only when it is evaluated within its historic context. Historic contexts are those patterns or trends in history by which a specific occurrence, property, or site is understood and its meaning (and ultimately its significance) within history or prehistory is made clear.

Preliminary research found that the building could best be understood within the context of *Rural Subdivisions, 1870 to 1950*. That context is presented below.

**Rural Subdivisions, 1870 to 1950**

Historical maps show how lands in the general area were being divided into increasingly smaller parcels during the last decades of the 1800s and the early 1900s. Previous architectural surveys in rural parts of Sonoma County have identified the theme of Rural
Subdivisions as important in the county’s development (Johnson 1994; Praetzellis et al. 1989). The term “Rural Subdivision” refers to the historical phenomenon of the late nineteenth and early twentieth centuries when large parcels were divided into progressively smaller holdings (Praetzellis et al. 1989). During the latter part of the nineteenth century, there was a notable trend toward division of large holdings, especially at the outskirts of southwest Santa Rosa and Cotati. The earliest of these subdivisions broke large tracts of land into smaller farm parcels “large enough to accommodate a successful farming venture” (Praetzellis et al. 1989:18).

As the twentieth century progressed, lots created through these subdivisions were generally too small to provide a family’s primary source of income. Work outside the home became increasingly necessary to sustain a family’s economic viability, and there was greater reliance on goods sold at retail outlets. Where, in the past, large farms and ranches were relatively self-sufficient, families living on these small farms could not meet all their own needs.

In 1937, the local newspaper made note of this trend and changing land-use in Sonoma County, citing statistics compiled by the Department of Agriculture (Press Democrat 1937). The Press Democrat revealed that between 1900 and 1935, the average size of a farm in Sonoma County fell from 214 acres to 110 acres, and that “the largest single group of farmholders in the county were those maintaining farms of 3 to 10 acres” (Press Democrat 1937).

The 1940s, and especially the end of World War II, brought about another phase of land subdivision reflecting peace-time prosperity after more than a decade of depression and war, and a severe housing shortage (Clark 1987). This wave of development continued the division of moderate-sized “farm” parcels into smaller, residential lots.

**Resource Types - Rural Subdivisions.** Rural subdivisions feature farmhouses, barns, and other agricultural outbuildings such as chicken coops, granaries, and sheds of varying sizes and shapes; structures pertaining to the capture, retention, and conveyance of water; fencing; and pens.

**PROPERTY DESCRIPTION**

The house at 1400 Burbank Avenue is on a long, narrow lot and sits 225 feet east of Burbank Avenue. It is a one-story, frame structure with a compound form (Figures 5 and 6). The front of the house is very simple and appears to have been used rarely, the rear entry serving as the main access point. The door and stoop are centered on the front façade, and are flanked by narrow, double-hung windows. Outward of these windows are larger, fixed windows. Projecting to the rear are gabled wings that create a small, U-shaped courtyard at the rear of the building. Three doorways open on to the courtyard accessing different parts of the house. Two doorways are standard sized, and one consists of a pair of French doors. A third gabled wing extends north from the northern wing. It has its own entrance on the east elevation.
The house is clad with narrow, lapped siding except near the bottom of each wall where vinyl siding has been installed. Decorative brackets are found at the gable ends. Windows throughout the house have vinyl sashes. At the rear of the house is a small, gable-roofed barn (Figure 7). Original siding appears to be vertical boards and battens. The roof is covered with corrugated metal sheets, and the windows are a mix of multi-paned and fixed vinyl sashes.
CONCLUSIONS

The purpose of this evaluation was to determine if the buildings at 1400 Burbank Avenue are historically significant based on the California Register criteria provided in an earlier section of this report. Restated briefly, a building (or any other cultural resource) acquires significance from its association with an important event or pattern in history; through its association with an important person; because it represents a particular type, period, region or method of construction, the work of a master, or possesses high artistic values; or because it contains information that can be studied to enhance our understanding of history.

In addition to meeting one or more of the above criteria, eligibility for the California Register requires that a resource retain sufficient integrity to convey a sense of its significance or importance. As defined by the State, “Integrity is the authenticity of an historical resource’s physical identity evidenced by the survival of characteristics that existed during the resource’s period of significance” (Title 14, Chapter 11.5 CCR, §4852(c)). Seven elements are considered key in considering a property’s integrity: location, design, setting, materials, workmanship, feeling, and association.

Within the context of Rural Subdivisions, it was necessary to determine if this property illustrates and conveys the importance of that context. The following conclusions were reached with regard to each of the California Register criteria:

Criterion 1. In order to be considered important under Criterion 1, the property needs to be able to convey the importance of the historic context. For example, a property that demonstrates the role that rural subdivisions played in creating our landscape patterns would be of a size that would allow for a small family farm but not so large that it would require the full
effort of the family to maintain. This property lacks the agricultural element of a rural subdivision lot (i.e., most outbuildings, garden, or orchards), and does not meet Criterion 1.

Criterion 2. Under Criterion 2, a property can be significant because of its association with an important person but the association must be one that reflects the reason for the person’s importance. The McMinn family has a long history in Sonoma County beginning in the 1850s when they were pioneers of the Santa Rosa area. At that time, the family owned 320 acres southwest of Santa Rosa where cattle and grain production was their focus. Despite their long residence and having loaned their name to McMinn Avenue, no especially important tie was found between the McMinn family nor any of its members with the historic context of Rural Subdivisions. Criterion 2 is not met.

Criterion 3. Criterion 3 speaks to the architectural significance of a property. This property does not meet Criterion 3. No particular style, method, or type of construction is demonstrated.

Criterion 4. Criterion 4 generally applies to archaeological resources or resources that, through study of construction details, can provide information that cannot be obtained in other ways. This building possesses no intrinsic qualities that could answer questions or provide important information about our history, and Criterion 4 is not met.

SUMMARY

Tom Origer & Associates completed an architectural/historical evaluation of the buildings at 1400 Burbank Avenue in southwest Santa Rosa. The study was requested by Lori MacNab of the City of Santa Rosa. This study found that the building does not appear eligible for inclusion on the California Register as an individual property and is not a contributor to an historic district. As the property does not meet the criteria for inclusion on the California Register, no further consideration is warranted.
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1900  Sonoma County, California. Manuscript census, population schedule.  
1910  Sonoma County, California. Manuscript census, population schedule.  
1920  Sonoma County, California. Manuscript census, population schedule.  
1930  Sonoma County, California. Manuscript census, population schedule.
APPENDIX C-1
PHASE I ESA FOR
1370 BURBANK AVENUE
Prepared for

Ms. Jill Scott
Right of Way Agent
35 Stony Point Road
Santa Rosa, California 95401

PHASE I ENVIRONMENTAL SITE ASSESSMENT
MCCAFFERTY & BARTON PROPERTY
1370 BURBANK AVENUE
SANTA ROSA, CALIFORNIA
MARCH 20, 2018
EBA Project No. 16-2345-4
PHASE I ENVIRONMENTAL SITE ASSESSMENT
MCCAFFERTY & BARTON PROPERTY
1370 BURBANK AVENUE
SANTA ROSA, CALIFORNIA
MARCH 20, 2018
EBA Project No. 16-2345-4

Professional Certification

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and 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 the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

[Signature]
David Noren, Vice President
Environmental Services

[Date]
March 20, 2018
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1.0 INTRODUCTION
The following report presents the findings of a Phase I Environmental Site Assessment (ESA) performed by EBA Engineering (EBA) for the property located at 1370 Burbank Avenue in Santa Rosa, California. The property is further identified by Sonoma County Assessor’s Parcel Number (APN) 125-252-003, hereafter identified as the project site. This ESA was completed for The City of Santa Rosa (the Client) in conformance with ASTM Standard Practice E1527-13.

1.1 PURPOSE
The purpose of this environmental site investigation is to assess the possible contamination of the project site with hazardous or toxic substances or wastes. A site may contain these substances or wastes as a result of current or past site activities, unauthorized dumping or disposal, or migration of contaminants from adjacent or nearby properties.

The Client should be aware that strict interpretation of California and federal legislation and case law may hold the landowner responsible for any toxic liability including future cleanup costs and, potentially, historical assessments and remediation work on the project site. Such statement is not motivated by any condition of the project site but is a general observation of the advisability that property owners and purchasers exercise all appropriate diligence and alertness to hazardous material risks.

This report is not intended to provide the necessary level of detail to be utilized for structural demolition/remodeling or soil or groundwater remediation. For such activities, appropriate regulations should be followed to ensure adequate coverage of material handling, worker and employee safety, airborne contamination during construction, and the precise extent of any contamination for contractor directions. This report conforms to American Society of Testing and Materials (ASTM) Standards E 1527-13 for Phase I Environmental Site Assessments.

In defining a standard of good commercial and customary practice for conducting an environmental site assessment, the goal of the processes established by this practice is to identify recognized environmental conditions, historical recognized environmental conditions and controlled recognized environmental conditions. The term recognized environmental conditions (RECs) refers to 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. The term historic REC refers to a past release of a hazardous substance or petroleum hydrocarbons that has occurred in connection to the property and has been addressed to the satisfaction of applicable regulatory agencies without restricting use of the property or requiring controls. The term controlled REC refers to a past release of a hazardous substance or petroleum hydrocarbons that has occurred in connection to the property and has been addressed to the satisfaction of applicable regulatory agencies and allowed to remain in place subject to the implementation of required controls. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not
intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

By performing a Phase I ESA of a parcel of real estate with respect to the range of contaminants within the scope of the CERCLA (42 U.S.C. §9601) and petroleum products, a user satisfies one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

1.2 **SCOPE OF WORK**

This Phase I ESA was performed in general accordance with the requirements of the ASTM International Designation: E 1527-13, *Standard Practice for Environmental Site Assessment*. To determine the condition of the project site with respect to environmental liability, EBA performed the following tasks:

1) Reviewed past and current land use for indications of the manufacture, generation, use, storage, and/or disposal of hazardous substances;

2) Evaluated the potential for on-site soil and/or groundwater contamination resulting from past and present project site land use activities and, to the extent possible, adjacent off-site operations;

3) Rendered findings and professional opinions regarding the potential for environmental contamination at the project site; and

4) Recommend and perform further investigations (i.e., Phase II ESA), if deemed appropriate to evaluate whether contamination and/or environmental hazards exist at the locations identified.

1.3 **SIGNIFICANT ASSUMPTIONS**

No significant assumptions were made during the performance of this Phase I ESA.

1.4 **LIMITATIONS, EXCEPTIONS, AND DEVIATIONS**

Local, State, and Federal environmental regulations and property conditions can vary significantly over time. Consequently, the conclusions and recommendations presented as a result of this environmental site assessment apply strictly to the environmental regulations and Property conditions existing at the time EBA performed this study. EBA assumes that the data obtained and the inferences made during this investigation are reasonable and representative of the Property.

EBA makes no warranty, expressed or implied, except that our services have been performed in accordance with generally accepted existing environmental engineering, health and safety principles, and applicable regulations at the time and location of the study. EBA has analyzed the available information using currently applicable engineering techniques.
Please be advised that the recommendations presented herein are based solely on information made available to EBA by others, and includes professional interpretations based on limited research and data. Based on these circumstances, the decision to conduct additional investigative work to substantiate the findings and conclusions presented herein is the sole responsibility of the Client.

No Exceptions or Deviations occurred from the ASTM Standard.

1.5 SPECIAL TERMS AND CONDITIONS
This Phase I ESA was conducted in accordance with our executed contract.

1.6 USER RELIANCE
This report has been prepared solely for the Client and any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Please note pursuant to Section 4.6 of the ASTM Standard E 1527-13 for Phase I Environmental Site Assessments, this report is valid for 180 days from the date noted herein.

1.7 REASON FOR PERFORMING PHASE I ESA
It is our understanding that this Phase I ESA was performed as part of environmental due diligence to support the proposed acquisition of the project site property.

2.0 SITE DESCRIPTION

2.1 LOCATION AND LEGAL DESCRIPTION
The project site property is located at 1370 Burbank Avenue in Santa Rosa, California and encompasses a single parcel of rural residential property that is 2.61 acres in size. The project site has two single-family residences, a mobile home trailer and several associated outbuildings. Figure 1, Appendix A shows the location of the project site. Figure 2, Appendix A shows the project site boundaries, as shown on the current tax assessor's map. Figure 3, Appendix A is an aerial photograph of the project site property. Photo Plates are also included in Appendix A that show relevant site features.

Legal descriptions of the project site are included in the Preliminary Title Report is enclosed in Appendix B.

The following presents project site specific information:

<table>
<thead>
<tr>
<th>Site Name:</th>
<th>McCafferty Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Location:</td>
<td>1370 Burbank Avenue, Santa Rosa, California</td>
</tr>
<tr>
<td>Tax Assessor Parcel No:</td>
<td>125-252-003</td>
</tr>
<tr>
<td>Site Owner:</td>
<td>Jesse McCafferty &amp; Michelle Barton Trust</td>
</tr>
</tbody>
</table>
Site Occupants: Tenant Occupied
Date of Ownership: July 1996
Zoning: Residential (R3-18)
Lot Size: 2.61-acres
County: Sonoma
USGS Quadrangle: Santa Rosa, California
Latitude and Longitude: N 38°25′24.07″ Latitude & W 122°43′59.09″ Longitude
** Approximate center of property

2.2 SITE CHARACTERISTICS
The project site consists of a single parcel of developed residential property that is 2.61-acre in size that is located within the southwestern portion of the City of Santa Rosa. The project site property contains two single-family dwellings, a mobile home trailer and several associated outbuildings.

2.3 CURRENT USE OF THE PROPERTY
The property is currently occupied by several tenants.

2.4 PHYSICAL SETTING

2.4.1 TOPOGRAPHY
The project site is generally flat and level and has limited topographic relief and is located at approximately 128 feet above mean sea level.

2.4.2 GEOLOGIC SETTING
The project site is located within the Coast Range Geomorphic Province of northern California. The Coast Range Geomorphic Province is generally characterized as a series of northwest trending elongated ridges and valleys that are a result of folding and faulting.

The project site is located on the southwest quadrant of the Santa Rosa Plain, which consists of Quaternary alluvial deposits that are up to 550 feet thick. The alluvial deposits form a nearly continuous blanket over the Santa Rosa Plain and consist of poorly sorted coarse sand and gravel, moderately sorted fine sand and silt, and silty clay. The project site has been mapped as having basement materials that underlie the alluvial fan deposits of the Petaluma Formation that consists of fluvial and lacustrine deposits with estuarine and transitional marine environment of Pliocene to late Miocene age. Portions of the Quaternary alluvial deposits may be underlain by the Wilson Grove Formation which consists of deep to shallow marine sediments with localized transitions to continental environments.

Groundwater in the area of the project site has been calculated to generally flow to the west to southwest with the predominant flow direction of the Laguna de Santa Rosa. Depths to groundwater in the area of the project site have been documented to exist between five to 15 feet below the ground surface. Please note that groundwater depths and flow direction have been demonstrated to be influenced by local topography and drainage courses and that groundwater levels have been observed to vary seasonally.
2.4.3 **SURFACE WATER BODIES/FLOODPLAINS**
Roseland Creek runs through from the northeast to southwest through the project site. The channel of Roseland Creek within the project site contains concrete within the entire bed of the creek that extends through the project site property.

A review of the Federal Emergency Management Agency Flood Insurance Rate Map [Map No. 06097C0736F] indicates that a portion of the project site is located with a 100 year floodplain.

2.4.4 **HYDROGEOLOGY**
The project site is located within the Santa Rosa Plain Watershed (SRPW) boundary. The project site is further delineated by the California Department of Water Resources (CDWR) as being within the Santa Rosa Valley groundwater basin and the sub-basin of Santa Rosa Plain. The groundwater storage unit has been identified as the Cotati Basin.

The principle source of recharge in the SRPW is from infiltration from streams within the watershed and direct infiltration from precipitation. Based on the surface topography and near site investigations, groundwater in the area of the project site is anticipated to flow to the south and west with the flow of Roseland Creek and towards Laguna de Santa Rosa.

2.5 **DESCRIPTION OF STRUCTURES, ROADS AND IMPROVEMENTS**
The project site contains two single-family dwellings, a mobile home trailer and several associated outbuildings. A single-family dwelling is located on the western side of the project site and is the first structure encountered upon entering the western side of the project site from Burbank Avenue. The dwelling consists of a single-story, wood-framed structure that has a concrete perimeter foundation. At the time of the property inspection the dwelling was reported to be occupied by a tenant. The condition of the dwelling was observed to be fair.

A domestic water supply is located to the east of the aforementioned dwelling. The well is reported to be used to supply potable water at the project site.

A second dwelling is located to the east of the domestic water supply well. The second dwelling also consists of a single-story, wood-framed structure that has an attached garage and slab on grade foundation. At the time of the property inspection the dwelling was reported to be occupied by a tenant. The condition of the dwelling was observed to be fair.

A concrete, slab on grade foundation is located to the northeast of the eastern dwelling. It is reported that the slab was the previous location of a carport that was recently removed by the owner of the property as an unpermitted structure. At the time of the property inspection the slab foundations remained at the site.

A mobile home trailer is located to the east of the concrete slab. The trailer appears to consist of several structures that have been joined together. At the time of the property inspection, a portion of the western side of the trailer appeared to be been partially
removed. The trailer appeared to be occupied by a tenant. The condition of the structure appeared to be poor.

A small greenhouse and bathroom structure are located to the south of the mobile home trailer. The greenhouse appeared to be used for the storage of household items. A septic system appears to be located on the western side of the bathroom structure. The use and condition of the septic system is unknown.

A pump house is located to the east of the greenhouse. The pump house appears to be a remnant of a water tower structure and consists of a wood framed structure with a slab on grade foundation. A second domestic water supply well is located within the pump house that also includes a water pressure tank and pump controls. The well appeared to be in use but did not contain a sealed top. A water storage tank is located on the west side of the pump house structure that appears to be used for the storage of water.

A mound septic system is located on the eastern side of the project site.

A portion of Roseland Creek runs through the eastern side of the project site and adjacent to the southern border of the property parcel. The creek bottom is lined with concrete.

The remainder of the project site consists of grassland and limited landscaping. Several brush and minor debris piles are present on the eastern side of the project site.

### 2.6 Current Adjoining Properties

The project site is bordered on the west by Burbank Avenue and on the north and south by vacant properties. Several developed residential properties are present bordering the eastern side of the project site.

### 3.0 User Provided Information

#### 3.1 Title Records

Title information was reviewed using the Preliminary Title Report dated March 29, 2017 and available public records from the Sonoma County Records Office. A copy of the Preliminary Title Report is included in Appendix B.

#### 3.2 Environmental Liens or Activity and Use Limitations (AULs)

A review of Title information was performed by EBA using the Preliminary Title Report dated March 29, 2017 and available records available from the Sonoma County Recorder's Office. No environmental liens or Use Limitations were noted in record information reviewed.

#### 3.3 Owner, Property Manager, and Occupant Information

The project site property is currently owned by Jesse McCafferty & Michelle Barton Trust.
3.4 **Valuation Reduction for Environmental Issues**
The ASTM Standard requires an evaluation of environmental issues that would result in a devaluation of the property. There were issues of environmental concern identified at the project site from this assessment. However these issues are currently not fully defined and therefore no opinion is included regarding the value of the project site.

3.5 **Previous Environmental Reports**
Several previous environmental reports were available for the project site property that are discussed and referenced herein.

4.0 **Records Review**

4.1 **Environmental Records Sources**
EBA contacted Environmental Data Resources (EDR) of Southport, Connecticut, to conduct a comprehensive Federal, state and local environmental records search for the project site and properties within a one-mile radius of the project site. The purpose of the database search was to identify potential exposure to the subject property from various environmental concerns and/or hazardous materials releases. The following databases and environmental programs are included in the database search:

- National Priority List
- Proposed National Priority List Sites
- NPL Federal Superfund Liens
- National Priority List Deletions
- CERCLIS Comprehensive Environmental Response, Compensation, & Liability Information System
- Federal Facility Site Information listing
- CERC-NFRAP CERCLIS No Further Remedial Action Planned
- CORRACTS Corrective Action Report
- RCRA-TSDF RCRA - Treatment, Storage and Disposal
- RCRA-LQG RCRA - Large Quantity Generators
- RCRA-SQG RCRA - Small Quantity Generators
- RCRA-CESQG RCRA - Conditionally Exempt Small Quantity Generator
- US ENG CONTROLS Engineering Controls Sites List
- US INST CONTROL Sites with Institutional Controls
- LUCIS Land Use Control Information System
- ERNS Emergency Response Notification System
- RESPONSE State Response Sites
- ENVIROSTOR EnviroStor Database
- SWF/LF Solid Waste Information System
- SLIC Statewide SLIC Cases
- INDIAN LUST Leaking Underground Storage Tanks on Indian Land
- UST Active UST Facilities
- AST Aboveground Petroleum Storage Tank Facilities
- INDIAN UST Underground Storage Tanks on Indian Land
- FEMA UST Underground Storage Tank Listing
- VCP Voluntary Cleanup Program Properties
- INDIAN VCP Voluntary Cleanup Priority Listing
- US BROWNFIELDS A Listing of Brownfields Sites
- ODI Open Dump Inventory
- DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
- WMUDS/SWAT Waste Management Unit Database
- SWRCY Recycler Database
- HAULERS Registered Waste Tire Haulers Listing
- INDIAN ODI Report on the Status of Open Dumps on Indian Lands
- US 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
- CA Facility Inventory Database
- SWEEPS UST Listing
- LIENS 2 CERCLA Lien Information
- LIENS Environmental Liens Listing
- DEED Deed Restriction Listing
- HMIRS Hazardous Materials Information Reporting System
- CHMIRS California Hazardous Material Incident Report System
- LDS Land Disposal Sites Listing
- MCS Military Cleanup Sites Listing
- SPIFFS 90 data from FirstSearch
- RCRA NonGen / NLR RCRA - Non Generators
- 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
- FIFRA/ TSCA Tracking System Federal Insecticide, Fungicide, & Rodenticide Act
- HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
- SSTS Section 7 Tracking Systems
- ICIS Integrated Compliance Information System
- PCB Activity Database System
The Environmental Record Search (ERS) consists of a map showing the location of the identified sites relative to the project site, a summary listing the identified sites by street names, and a final report describing the sources investigated and the resulting findings. It should be noted that the findings are those noted on the regulatory database(s) and that accuracy and completeness of record information varies among information sources,
including government sources. The ERS findings are supplemented by interviews with owners/occupants/employees, and local government officials. Agency records review and historical data review are also used to ascertain the potential environmental significance of sites reported in the ERS. Results of the record search are presented in Appendix C.

The ERS did not identify the project site property as having issues of environmental concern. Several mapped sites as having environmental concerns were identified within a one-mile radius of the project site and are further discussed herein.

4.2 PROJECT SITE
The project site was not identified in the EDR Radius Map Report or applicable regulatory agencies as having issues of environmental concern. There is no indication of the use, generation or disposal of hazardous materials at the project site. Further there is no indication of the current or historic use of underground fuel storage tanks at the project site.

It should be noted that sampling of sediment within Roseland Creek was conducted during the environmental review and investigation of the New Roseland School located directly west of the project site. The sediment sampling indicated the presence of elevated concentrations of lead, zinc and polycyclic aromatic hydrocarbons (PAHs). The source of these compounds were attributed to contaminants that were washed into Roseland Creek from Burbank Avenue and the Roseland Creek watershed. As discussed Roseland Creek runs through the project site and there is a significant amount of watershed located upstream of the project site from urbanized areas. It is possible that sediments with environmental contaminants are present at the project site. It should be finally noted that the regulatory agencies involved with the development of the school property restricted the use of the creek area for residential use and indicated that any work within the creek would include provisions for sediment sampling and remediation if required.

The project site is located within an area that has been shown to have domestic water supply wells that have been impacted by releases of halogenated volatile organic compounds (HVOCs) from historical business operation located to the north of the project site on the Sebastopol Avenue corridor. Contaminants consisting of volatile organic compounds were determined to be present in a number of water supply wells in the greater area to the north of the project site. From a review of the available information it appears that the domestic water supply wells at the project site were sampled several times as part of the overall area investigation. The sampling results indicate that there was an initial detection of 1,2 Dichloroethane in the western well at a concentration of 1.4 micrograms per liter (µg/L) and 1.0 µg/L in the eastern well. There is limited information regarding the investigation and it appears that limited additional sampling of the wells was performed. A review of available sampling data for soil borings, groundwater monitoring wells and domestic water supply wells located in the greater area of the project site indicates that the known areas of groundwater impact were well north of the project site and generally located along the Sebastopol Road corridor. The current condition of the wells at the project site is unknown.
Copies of the available information regarding sampling the wells is included in Appendix D.

At the time of the property inspection the domestic water supply well located on the eastern side of the project site was observed to have an open top with no seal. It appears that the well is in use. The well should be fully sealed if it is to remain in use.

It should be noted that based on the age of the existing structures it is likely that asbestos containing materials and lead based paint are likely present. No testing for the presence of these materials was conducted as part of this assessment.

4.2.1 Properties within the Approximate Minimum Search Distance
Several near site properties were identified in EDR Radius Map Report as having environmental concerns within the minimum search distance from the project site property as required by ASTM Standard 1527-13. The following provides additional information for relevant near site properties.

Roseland Creek @ Burbank Avenue - Burbank Avenue, Santa Rosa
The Roseland Creek @ Burbank Avenue site is located approximately 200 feet west of the project site property and identified in environmental databases as closed Spills, Leaks, Investigation and Cleanup (SLIC) site. During an environmental assessment for a future elementary school at 1683 Burbank Avenue soil samples collected from nearby Roseland Creek indicated elevated levels of lead, zinc and polycyclic aromatic hydrocarbons. Additional soil and surface water sampling indicated that the contaminated shallow soil was present in the creek channel sediments. Surface water samples were not reported to be impacted. The source of the contamination was suspected to be stormwater runoff from urbanized areas within the watershed area of Roseland Creek and it was recommended to remove the impacted soil from the creek bed under a Clean Water Act Section 401 permit for future projects that include creek repair or restoration. No additional information was available for this site. The North Coast Regional Water Quality Control Board (NCRWQCB) issued a No Further Action letter in November 2010.

The conditions encountered within Roseland Creek at the school property are likely representative of sediments within the creek both upstream and downstream of the school and including the project site. A general awareness of the potential of contaminated sediments within the creek should be recognized for any future work within Roseland Creek at the project site.

New Roseland School – 1683 Burbank Avenue, Santa Rosa
The Roseland School property is located approximately 200 feet west of the project site. The site is identified in the EDR radius Map Report and the Envirostor web site due to environmental investigations that were conducted as part of the entitlement and scoping for a school property. All school properties are subject to environmental review that is overseen by the California Department of Toxic Substances Control jurisdictional oversight. The process of investigation at the site included a Preliminary Endangerment Assessment that identified several areas of the property as having issues of environmental concern. The concerns included leaching from lead based paint from former buildings, the historic
use of agricultural chemicals and the presence of elevated levels of lead and polycyclic aromatic hydrocarbons in sediment of Roseland Creek as discussed above. Investigation included soil sampling and characterization of the existing conditions. Cleanup at the property included the removal of soil that was contaminated with lead and a land use restriction in the area of Roseland Creek that would not allow for residential use of this area. It appears that all environmental issues at the property have been identified and remediated to the satisfaction of applicable agencies. Based on the available information the site is seen as posing no threat to the project site. It should be noted however that conditions in Roseland Creek may be representative of the condition of the creek within the project site.

**McMinn Avenue Superfund Area, Santa Rosa**

The McMinn Superfund area represents an area of study extending from Highway 101 on the east to Stony Point Road on the west and Highway 12 on the north to Roseland Creek on the south. This area was designated as a Superfund site by the California Department of Toxic Substances Control in 1984 after petroleum and solvent contaminants were detected in several domestic water supply wells in the area. A variety of investigations have been conducted in this area since the listing as a Superfund site in 1984. These investigations include domestic well sampling events, monitoring well sampling events, soil gas and indoor air surveys and contamination source identification. Many sites within the McMinn Superfund Area are undergoing investigation and cleanup activities under the direction of the NCRWQCB and several of these sites have been issued closure notices that require no further action. Investigation is on-going at the remaining sites.

A majority of the sites located within the McMinn Superfund area are located approximately 0.75 miles northeast to northwest of the project site property on the Sebastopol Avenue corridor. Groundwater in the superfund area has been calculated to flow generally in a southwesterly direction. From a review of available information there is no indication that the impacts from the McMinn area have impacted the project site.

**Sebastopol Road at West Avenue- HVOC Plume, Santa Rosa**

The Sebastopol Road at West Avenue HVOC Plume site is located within the McMinn Superfund area and is identified as an open SLIC site due to contamination from halogenated volatile organic compounds (HVOCs). Files reviewed at the NCRWQCB indicate a groundwater investigation is ongoing to characterize and monitor contamination from HVOCs that have been detected in domestic water wells in this area. As part of this investigation, monitoring wells have been installed in the area represented by Sebastopol Road, West Avenue, Sunset Avenue, and McMinn Avenue. Analytical results from the monitoring events have shown detections of several HVOCs including tetrachloroethene, trichloroethylene, cis-1,2-dichloroethene, carbon tetrachloride, freon, and chloroform. The petroleum constituents benzene, toluene, ethylbenzene, xylenes, and methyl tert-butyl ether were also detected in groundwater samples obtained from the monitoring wells.

Documents reviewed at the NCRWQCB indicated that after several years of investigation of the HVOC plume on numerous sites in the area, it was determined that petroleum hydrocarbons occurred more extensively in the investigated area than HVOCs. It was
requested that since HVOCs and petroleum hydrocarbons are commingled in certain areas, mitigation of HVOCs cannot begin until petroleum hydrocarbon are fully evaluated. Several sites documented to be contributing to the petroleum hydrocarbon contamination in the area have completed investigation and remedial activities.

Several former dry cleaning facilities in the area have been and/or are currently being investigated for their potential contribution to the HVOC plume including Lange Cleaners (555 Sebastopol Road), Cleaning Mart (651 Sebastopol Road), My Cleaners (426 Sebastopol Road), Golden State Linen Services (900 Sebastopol Road), BSC Cleaners (800 Sebastopol Road), Roseland Cleaners (761 Sebastopol Road) and Holland Cleaners (700 Sebastopol Road). All of these sites are located a significant distance from the project site property. From a review of available information there is no indication that the releases at these properties have impacted the project site and all are seen as posing a low threat to the project site.

**SE Bastopol Road COMmingled Plume Group, Santa Rosa**

The Sebastopol Road Commingled Plume is located within the McMinn Superfund area and consists of three former leaking UST sites including BP/Redwood Oil #110 (760 Sebastopol Road), Wilson Baugh Enterprise (805 Sebastopol Road) and Beacon #3489 (921 Sebastopol Road). These sites are all identified as having active investigations related to petroleum hydrocarbon impacts from former leaking USTs.

A groundwater monitoring network for all three sites consists of 52 monitoring wells with petroleum hydrocarbon impacts extending from 760 Sebastopol Road west to 921 Sebastopol Road and south approximately 300 feet. Detections of benzene and total petroleum hydrocarbons as gasoline (TPH-g) exist throughout all three sites with impacts of methyl tert butyl ether (MtBE) concentrated mainly at the 921 Sebastopol Road site.

Groundwater sampling has indicated the highest contaminants in groundwater generally to be confined to the 760 and 921 Sebastopol Road sites, respectively with the highest benzene detection occurring near the southwest corner of Sebastopol Road and West Avenue.

Active remediation is occurring at all three sites that include air sparing, groundwater pump and treat and/or soil vapor extraction. It likely that environmental investigation and remediation of these sites will continue into the foreseeable future.

Groundwater in this area has been calculated to flow in a southwesterly direction. There is no indication that releases from the identified sites have impacted the project site property. Due to the distance of the identified sites from the project site and the limited extent of contamination these sites are seen as posing a minimal risk to the project site property.

**Additional Sites**

Additional properties within the McMinn Superfund area and within the surrounding area of the project site are identified in regulatory agency files as having environmental issues. Several of these sites have completed investigations with regulatory oversight related to
having investigations related to historic or leaking USTs. Due to the distance of these identified sites from the project site and the fact that many have completed investigations and/or cleanups, all of the additional sites are seen as posing a minimal risk to the project site property.

4.2.2 ORPHAN SITES
EDR orphan site designation indicated insufficient address information for an identified site to be plotted. EBA reviewed the Orphan Sites identified in the Radius Map Report. Neither the project site nor any near site properties were identified in the Orphan Summary.

4.2.3 Vapor Encroachment Screening
Vapor encroachment screening pursuant to ASTM Standard 2600-10 was conducted for the project site property in conjunction with this assessment. Tier 1 vapor screening was performed to determine if vapor intrusion was a threat to the present or future use of the project site due to the presence of the documented release of environmental contaminants at near site properties. The Tier 1 screening is based on the following factors:

- Types and concentrations of contaminants present
- Soil characteristics
- Depth to groundwater
- Location of the project site property in relation to the known or suspected contaminants
- Vapor conduits
- Cleanup status of the contaminated property

The minimum distance criteria for the assessment of vapor sources pursuant to ASTM 2600-10 is one-tenth mile (528 feet) for petroleum hydrocarbons and one-third mile (1,742 feet) for volatile organic compounds. As discussed there is no indication of the use, storage or disposal of hazardous materials at the project site. Further, there is no indications of a release of petroleum hydrocarbons or volatile organic compounds at the project site.

Also as discussed there are documented releases of petroleum hydrocarbons and volatile organic compounds in the greater area surrounding the project site. No documented releases of petroleum hydrocarbons have been documented within 528 feet of the project site. As discussed there has been documented releases of volatile organic compounds at properties located north of the project site within the McMinn Superfund area and Sebastopol Road corridor. However, many of these properties are located a significant distance (greater than 1,000 feet) from the project site and all have been generally well characterized to demonstrate that there is no indication of releases from these properties impacting the project site.

Soil at the project site consists of alluvial soil consisting of a heterogeneous mix of sand, silt and clays. The soil at the project site would be expected to be transmissive of soil vapor.
Groundwater at the project site is expected to be shallow and vary seasonally. Groundwater would be the expected transport mechanism for contaminant transport and movement. Depths to groundwater are expected to vary seasonally with high groundwater conditions in the winter months.

Potential vapor conduits such as utility conduits are expected to be present in the area of the project site within public right of ways and road ways.

As discussed herein there has been several sites with documented releases of petroleum hydrocarbons and volatile organic compounds in the greater area of the project site. All of the identified sites are located a significant distance from the project site and there is no indication that releases at these properties have impacted the project site. Based on a review of available information regarding the project site and properties in the surrounding area the threat of vapor intrusion at the project site is seen as unlikely.

4.3 **ADDITIONAL ENVIRONMENTAL RECORDS SOURCES - INTERVIEWS & REGULATORY AGENCY REVIEWS**

Supplemental interviews and research were performed based on findings from the environmental records search. The interview and research process targeted both project site and regulatory personnel and regulatory agencies in an attempt to ascertain the nature and status of known environmental issues. Regulatory agencies and individuals contacted during the information review process included:

- Mr. Jesse McCafferty – Project site property owner
- Craig Hunt – North Coast Regional Water Quality Control Board
- City of Santa Rosa Fire Department
- City of Santa Rosa Community Development Department
- Sonoma County Assessor’s Office
- Sonoma County Recorder’s Office
- Sonoma County Department of Health Services
- Sonoma County Department of Fire & Emergency Services
- Sonoma County Permit & Resource Management Department
- North Coast Regional Water Quality Control Board
- California Department of Toxic Substances Control
- California State Water Resources Control Board Geotracker Website
- California Department of Toxic Substances Control Envirostor Website

Regulatory agency files were reviewed at the agencies listed above. The findings from the file reviews are as follows:

**CITY OF SANTA ROSA FIRE DEPARTMENT**

There were limited records available for the project site at this agency that included permitting records for the removal of a carport.
**City of Santa Rosa Community Development Department**
Code Enforcement and permitting for the recent correction of building violations were available at this agency.

**Sonoma County Assessor’s Office**
Development and tax records were reviewed at the Sonoma County Assessor’s Office website. No significant data gaps were noted within the available information.

**Sonoma County Recorder’s Office**
Recorded deeds and other relevant site documentation were reviewed at the Sonoma County Recorder’s Office website. No environmental liens or deed restrictions were noted in the available information.

**Sonoma County Department of Health Services**
There were no records available for the project site at this agency.

**Sonoma County Department of Fire & Emergency Services**
No information related to the project site was available from this agency.

**Sonoma County Permit & Resource Management Department**
Building and permit records dating from 1978 were available for the project site from this agency.

**North Coast Regional Water Quality Control Board**
There were limited records available for the project site at this agency which included information regarding sampling of the domestic water supply well. Information regarding several properties in the surrounding area was also available at this agency which was reviewed from the Geotracker database.

**California Department of Toxic Substances Control**
No files were available for the project site property at this agency.

**California State Water Resources Control Board Geotracker Web Site Database**
The Geotracker web site was consulted to determine if either the project site or surrounding properties were identified in this environmental database as having environmental concerns. The project site was not identified. Several surrounding sites were identified in the surrounding area of the project site property. These identified sites are duplicative of the sites identified in the EDR Radius Map Report.

**California Department of Toxic Substances Control EnviroStor Web Site Database**
The Envirostor web site was consulted to determine if either the project site or surrounding properties were identified in this environmental database as having environmental concerns. The project site was not identified. Several surrounding sites were identified in the area of the project site property. These identified sites are duplicative of the sites identified in the EDR Radius Map Report.
4.4 **Physical Setting Sources**
Several sources of information were reviewed to establish the physical setting of the project site property including the following:

- Google Earth
- USGS Topographic Maps
- Published Geologic references

4.5 **Historical Use Information for the Project Site**
The history of the project site was researched to ascertain the past use from the present back to the property’s first developed use. Reasonably ascertainable historical information sources were reviewed to determine the history of the project site property. The following historical sources were reviewed as part of this assessment:

- Historical aerial photographs
- Historical Maps and research
- Interview with property owner

4.5.1 **Historical Summary**
The project site property appears to be originally developed as a rural residential property some time prior to 1942. Aerial photographs dating from 1942 indicate that both dwellings and several of the associated outbuilding were present at the project site during this time period. It should be that the area of the project site was annexed into the City of Santa Rosa in October 2017.

Recorded documents indicate the Jesse McCafferty purchased the project site in July 1996 from the Southpoint Development Corporation. Mr. McCafferty indicated that the use of the project site has been as a residential property. Historical documents confirm that the use of the project site has consisted primarily as rural residential use with limited agricultural use.

Due to the passage of time there is a lack of previous property owners; however, from the available information it appears that the history of the project site is well known with no significant data gaps.

4.5.2 **Historical Aerial Photographs**
Historical aerial photographs were obtained from Environmental Data Resources for the years 1942, 1952, 1968, 1973, 1983, 1985, 1993, 2005, 2006, 2010 and 2014. The following is a summary of the historic use of the project site based on a review of these photographs.

**1942 Photograph**
The 1942 photograph indicates two dwellings located on the western portion of the project site. Several additional structures that appear to consist of the water tower, pump house and a small garage are visible on the central portion of the property. Burbank Avenue is
visible to the west of and adjacent to the project site. Remnants of an orchard are visible within the eastern portion of the property parcel. Roseland Creek is visible running from the northeast to southwest through the project site. The surrounding area includes orchards to the north and west and rural residential properties to the south and east.

1952 Photograph
The 1952 photograph indicates no significant changes to the project site from the 1942 photograph. The surrounding area appears generally unchanged.

1968 Photograph
The 1968 photograph indicates no significant changes to the project site from the 1952 photograph. The surrounding area appears generally unchanged.

1973 Photograph
The 1973 photograph indicates no significant changes to the project site from the 1968 photograph. The surrounding area appears generally unchanged.

1982 Photograph
The 1982 photograph indicates few changes from the 1973 photograph. The surrounding area appears unchanged.

1985 Photograph
The 1985 photograph indicates few changes from the 1982 photograph. The surrounding area appears unchanged.

1993 Photograph
The 1993 photograph indicates few changes from the 1985 photograph. The surrounding area appears unchanged with the exception that the orchards to the north of the project site have been removed.

2006 Photograph
The 2006 photograph indicates few changes from the 1993 photograph. The surrounding area appears generally unchanged.

2010 Photograph
The 2010 photograph indicates few changes from the 2006 photograph. The surrounding area appears generally unchanged.

2014 Photograph
The 2014 photograph the project site property as it exists today. The surrounding area is generally unchanged.

Copies of the historical aerial photographs are included in Appendix E.
4.5.3 Sanborn Fire Insurance Maps
Coverage from historic Sanborn Fire insurance maps is not available for the area of the project site.

4.6 Historical Use Information for Adjoining Properties
Historic research was ascertained for adjoining properties by reviewing the historical documents referenced above.

5.0 Site Reconnaissance

5.1 Methodology and Limiting Conditions
EBA personnel conducted a site reconnaissance on March 12, 2018. The site reconnaissance entailed viewing the project site and the surrounding areas. The site was inspected to observe the property and to identify discernible or potential environmental concerns. In addition, a reconnaissance of adjacent properties was performed to confirm surrounding land use and conditions. Information was obtained by interviews with knowledgeable individuals regarding the past and current uses of the project site. No limitations were encountered to limit the extent of the property inspection. Findings from the site reconnaissance activities are summarized in the following sections.

5.2 Current Use of the Property
The property currently consists of a rural residential property with two single-family dwellings and a mobile home trailer that are reported to be occupied by tenants.

5.3 Exterior Observations
As discussed there are multiple structures present at the project site that include two dwellings, a mobile home trailer and several associated outbuildings. The dwellings are reported to be occupied by tenants. Several brush and minor debris piles were observed within the project site. At the time of the property inspection it appeared that several structures had been recently demolished and removed from the property.

5.4 Interior Observations
No interior inspections of the dwellings was performed as part of this assessment. The remaining structure were inspected at the time of the property inspection. The structures appeared to be either empty or used for the storage of personal property.

5.5 Hazardous Substances and Petroleum Products
No hazardous materials or wastes or petroleum products were observed to be present at the project site.

5.5.1 Odors
No odors were observed during the site reconnaissance.
5.5.2 **POOLS OF LIQUID**
No pools of free liquid indicative of hazardous materials or hazardous wastes were observed at the project site during the site reconnaissance.

5.5.3 **DRUMS**
No drums were identified at the project site at the time of the site reconnaissance.

5.5.4 **UNIDENTIFIED SUBSTANCE CONTAINERS**
No unidentified substance containers were identified at the project site at the time of the site reconnaissance.

5.5.5 **INTERIOR STAINS OR CORROSION**
No interior stains were observed within the structures at the project site.

5.5.6 **DRAINS AND SUMPS**
No sumps or sumps were observed at the project site during the site reconnaissance.

5.5.7 **PITS, PONDS OR LAGOONS**
No pits, ponds or lagoons were observed at the project site during the reconnaissance. As discussed herein Roseland Creek runs from the northeast to southwest through the project site.

5.5.8 **STAINED SOIL OR PAVEMENT**
No stained soil or pavement was identified at the project site at the time of the site reconnaissance.

5.5.9 **SOLID WASTE**
There were several small debris piles present at the project site at the time of the property inspection. The materials appeared to consist primarily of brush and yard debris.

5.5.10 **STRESSED VEGETATION**
No areas of stressed vegetation were observed during the site reconnaissance.

5.5.11 **WELLS**
There are two water supply wells present at the project site. The wells are located on the western and central portion of the property parcel and both appear to be in active use. It should be noted the well located in the central portion of the property has an open top with no seal.

5.5.12 **SEPTIC SYSTEMS**
There is reported to be three septic systems present at the project site. One is centrally located within the property and is associated with the outdoor bathroom. The second system consists of a mound system that is located on the eastern side of the property parcel. The third is reported to be used for the dwelling located on the western side of the property parcel.
5.5.13 **Electrical Transformers**
No electrical transformers were observed at the project site during the site inspection.

5.5.14 **Underground Storage Tanks**
There is no indication of the current or historic use of underground fuel tanks at the project site property.

5.5.15 **Aboveground Storage Tanks**
No aboveground fuel tanks were observed at the project site during the site reconnaissance.

5.6 **Non-Scope Observations**

5.6.1 **Asbestos**
The existing structures located at the project site were constructed some time before 1942. Based on the age of the structures, asbestos containing materials are expected to be present. No testing for asbestos was conducted as part of this assessment.

5.6.2 **Lead Paint**
The existing structures located at the project site were constructed some time before 1942. Based on the age of the structures, lead based paint is expected to be present. No testing for lead based paint was conducted as part of this assessment.

5.6.3 **Radon**
The U.S. Environmental Protection Agency Radon Zone Classification for Sonoma County is 3, which is defined as having a low potential to have radon concentration less than 2 picocuries per liter (pCi/L). The U.S. EPA action level for radon is 4.0 pCi/L. Based on the radon concentration information, it is unlikely that radon abatement activities would be required at the project site.

6.0 **Discussion**
From the information reviewed for this assessment it appears that the project site was initially developed as rural residential property some time before 1942. Historic records reviewed for this assessment indicate that the two dwellings and several of the existing associated outbuildings were present at the project site from the early 1940’s. It appears that additional structures were added to the property over time.

The project site is not identified in regulatory agency records or databases as having issues of environmental concern. At the time of the property inspection no hazardous materials or wastes were observed or soil staining to indicate a release. There is no indication of the current or historic use of underground or aboveground fuel storage tanks at the project site.

As discussed herein there is documentation that the domestic water supply wells at the project site were sampled as part of the area wide investigation of environmental contaminants from releases at properties located to the north of the project site located
along the Sebastopol Road corridor. Sampling of the domestic water supply wells indicated
the presence of 1,2 Dichloroethane at concentrations of 1.0 and 1.4 ug/L. Subsequent
sampling of the wells did not indicate the presence of these compounds. It appears that no
long term sampling of the wells has occurred and it appears that the wells are still in active
use at the project site. The current condition of the wells is unknown.

As discussed herein there are a number of identified sites in the greater surrounding area
of the project site that have documented releases of contaminants to soil and groundwater.
Many of these sites have been fully investigated and closed with regulatory agency
oversight and direction. There is still active investigation and remedial activities at several
of the identified properties. All of these sites are located a significant distance from the
project site and there is no indication that impacts from these properties to the project site.

7.0 CONCLUSIONS/RECOGNIZED ENVIRONMENTAL CONDITIONS
EBA Engineering has performed this Phase I Environmental Site Assessment in
conformance with the scope and limitations of ASTM Practice E 1527-13 of the property
located at 1370 Burbank Avenue in Santa Rosa, California. Any exceptions to, or deletions
from, this practice are described herein. Based on conclusions from the environmental
records search, historical data review, and the site reconnaissance we find the following
recognized environmental conditions present at the project site property:

- The detection of 1,2 Dichloroethane in the domestic water supply wells at the project
  site is a Recognized Environmental Condition. Limited information is available
  regarding the detection of this compound in the wells at the project site and the wells
  appear to both remain in use.

8.0 NON-SCOPE CONSIDERATIONS

8.1 Non-Scope Considerations
The following environmental issues are outside the scope (non-scope considerations) of
the standard practice defined by ASTM Standard Practice E 1527-13:

- Regulatory Compliance;
- Cultural and Historic Resources;
- Industrial Hygiene;
- Health and Safety;
- Ecological Resources;
- Endangered Species;
- Indoor Air Quality;
- High Voltage Power Lines;
- Biological Agents; and
- Mold
EBA identified no ASTM non-scope considerations/RECs in connection with the project site that represent potential business environmental risk but are outside the standard scope of services prescribed by ASTM Standard Practice E 1527-13.

8.2 ADDITIONAL SERVICES
No additional services beyond the standard scope of services prescribed by ASTM Standard Practice E 1527-13 were requested by the Client.

9.0 RECOMMENDATIONS
Based on information discussed in this assessment and given the proposed use of the project site for a buffer along the adjoining properties of the Laguna Wastewater Treatment Plant, the following recommendations are included for consideration:

- Consider testing both of the existing domestic wells at the project site for volatile organic compounds and petroleum hydrocarbons.
- Cap and seal the eastern domestic water supply well at the project site property if it is to remain in use.
- Be aware that sediments within Roseland Creek may require testing and remediation if work is conducted within the bed and bank of the creek.
- If the structures at the project site are to be remodeled or demolished they should be assessed for the presence of asbestos containing materials and lead based paint by a qualified professional.

10.0 REFERENCES
Aerial Photographs:
1942   Environmental Data Resources
1952   Environmental Data Resources
1968   Environmental Data Resources
1973   Environmental Data Resources
1983   Environmental Data Resources
1985   Environmental Data Resources
1993   Environmental Data Resources
2006   Environmental Data Resources
2010   Environmental Data Resources
2014   Environmental Data Resources


California Division of Mines & Geology - Geology of Northern California – Bulletin 190

*Illustrated Atlas of Sonoma County 1877*, Sonoma County Library Annex

Iris Environmental – *Preliminary Endangerment Assessment Report, 1683 Burbank Avenue, Santa Rosa, California*. Dated June 29, 2007

Iris Environmental – *Summary of Supplementary Site Investigation, 1683 Burbank Avenue, Santa Rosa, California*. Dated February 5, 2008


RDM Environmental – *Domestic Well Sampling Plan for Domestic Wells in the Vicinity of the Sebastopol Road Commingled Plume Group, 760, 805 and 921 Sebastopol Road, Santa Rosa, California*. Dated January 9, 2018.

United States Geological Survey, 7.5 Minute - Topographic Quadrangle Santa Rosa, California. 1994.

APPENDIX A

FIGURES
ASSESSORS PARCEL MAP

MCAFERTY PROPERTY
1370 BURBANK AVENUE
SANTA ROSA, CALIFORNIA

SCALE : 1" = 150'

FIGURE 2
16-2345.4

Q:/2345-4\Location Maps.dwg, APN Map, 3/21/2018 9:10:12 AM
View of western dwelling at project site from looking northwest.

View of eastern dwelling at project site looking west.
View of mobile home at project site from looking northeast.

View of greenhouse and bathroom at project site looking southwest.
View of eastern domestic well.

View of western domestic well.
View of eastern portion of project site.

View of Roseland Creek.
SUBJECT TO THE EXCLUSIONS FROM COVERAGE, THE GUARANTEE CONDITIONS ATTACHED HERETO AND MADE A PART OF THIS GUARANTEE.

FIRST AMERICAN TITLE INSURANCE COMPANY  
a Nebraska corporation, herein called the Company

GUARANTEES  
the Assured named in Schedule A of this Guarantee

against loss or damage not exceeding the Amount of Liability stated in Schedule A sustained by the Assured by reason of any incorrectness in the Assurances set forth in Schedule A.
EXCLUSIONS FROM COVERAGE

Except as expressly provided by the assurances in Schedule A, the Company assumes no liability for loss or damage by reason of the following:

(a) Defects, liens, encumbrances, adverse claims or other matters against the title to any property beyond the lines of the Land.
(b) Defects, liens, encumbrances, adverse claims or other matters, whether or not shown by the Public Records (1) that are created, suffered, assumed or agreed to by one or more of the Assureds; or, (2) that result in no loss to the Assured.
(c) Defects, liens, encumbrances, adverse claims or other matters not shown by the Public Records.
(d) The identity of any party shown or referred to in any of the schedules of this Guarantee.

(f) (1) Taxes or assessments of any taxing authority that levies taxes or assessments on real property; or, (2) proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not the matters excluded under (1) or (2) are shown by the records of the taxing authority or by the Public Records.
(g) (1) Unpatented mining claims; (2) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (3) water rights, claims or title to water, whether or not the matters excluded under (1), (2) or (3) are shown by the Public Records.

GUARANTEE CONDITIONS

1. Definition of Terms.
   The following terms when used in the Guarantee mean:
   a. the "Assured": the party or parties named as the Assured in Schedule A, or on a supplemental writing executed by the Company.
   b. "Land": the Land described or referred to in Schedule A, and improvements affixed thereto which by law constitute real property. The term "Land" does not include any property beyond the lines of the area described or referred to in Schedule A, nor any right, title, interest, estate or easement in abutting streets, roads, avenues, alleys, lanes, ways or waterways.
   c. "Mortgage": mortgage, deed of trust, trust deed, or other security instrument.
   d. "Public Records": those records established under California statutes at Date of Guarantee for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without knowledge.
   e. "Date of Guarantee": the Date of Guarantee set forth in Schedule A.
   f. "Amount of Liability": the Amount of Liability as stated in Schedule A.

2. Notice of Claim to be Given by Assured.
   The Assured shall notify the Company promptly in writing in case knowledge shall come to an Assured of any assertion of facts, or claim of title or interest that is contrary to the assurances set forth in Schedule A and that might cause loss or damage for which the Company may be liable under this Guarantee. If prompt notice shall not be given to the Company, then all liability of the Company shall terminate with regard to the matter or matters for which prompt notice is required; provided, however, that failure to notify the Company shall in no case prejudice the failure and then only to the extent of the prejudice.

3. No Duty to Defend or Prosecute.
   The Company shall have no duty to defend or prosecute any action or proceeding to which the Assured is a party, notwithstanding the nature of any allegation in such action or proceeding.

4. Company's Option to Defend or Prosecute Actions; Duty of Assured to Cooperate.
   Even though the Company has no duty to defend or prosecute as set forth in Paragraph 3 above:
   a. The Company shall have the right, at its sole option and cost, to institute and prosecute any action or proceeding, interpose a defense, as limited in Paragraph 4 (b), or to do any other act which in its opinion may be necessary or desirable to establish the correctness of the assurances set forth in Schedule A or to prevent or reduce loss or damage to the Assured. The Company may take any appropriate action under the terms of this Guarantee, whether or not it shall be liable hereunder, and shall not thereby concede liability or waive any provision of this Guarantee. If the Company shall exercise its rights under this paragraph, it shall do so diligently.
   b. If the Company elects to exercise its options as stated in Paragraph 4(a) the Company shall have the right to select counsel of its choice (subject to the right of the Assured to object for reasonable cause) to represent the Assured and shall not be liable for and will not pay the fees of any other counsel, nor will the Company pay any fees, costs or expenses incurred by an Assured in the defense of those causes of action which allege matters not covered by this Guarantee.
   c. Whenever the Company shall have brought an action or interposed a defense as permitted by the provisions of this Guarantee, the Company may pursue any litigation to final determination by a court of competent jurisdiction and expressly reserves the right, in its sole discretion, to appeal from an adverse judgment or order.
   d. In all cases where this Guarantee permits the Company to prosecute or provide for the defense of any action or proceeding, the Assured shall secure to the Company the right to so prosecute or provide for the defense of any action or proceeding, and all appeals therein, and permit the Company to use, at its option, the name of such Assured for this purpose. Whenever requested by
the Company, the Assured, at the Company's expense, shall give the Company all reasonable aid in any action or proceeding, securing evidence, obtaining witnesses, prosecuting or defending the action or lawful act which in the opinion of the Company may be necessary or desirable to establish the correctness of the assurances set forth in Schedule A to prevent or reduce loss or damage to the Assured. If the Company is prejudiced by the failure of the Assured to furnish the required cooperation, the Company's obligations to the Assured under the Guarantee shall terminate.

5. **Proof of Loss or Damage.**
   a. In the event the Company is unable to determine the amount of loss or damage, the Company may, at its option, require as a condition of payment that the Assured furnish a signed proof of loss. The proof of loss must describe the defect, lien, encumbrance, or other matter that constitutes the basis of loss or damage and shall state, to the extent possible, the basis of calculating the amount of the loss or damage.
   b. In addition, the Assured may reasonably be required to submit to examination under oath by any authorized representative of the Company and shall produce for examination, inspection and copying, at such reasonable times and places as may be designated by any authorized representative of the Company, all records, books, ledgers, checks, correspondence and memoranda, whether bearing a date before or after Date of Guarantee, which reasonably pertain to the loss or damage. Further, if requested by any authorized representative of the Company, the Assured shall grant its permission, in writing, for any authorized representative of the Company to examine, inspect and copy all records, books, ledgers, checks, correspondence and memoranda in the custody or control of a third party, which reasonably pertain to the loss or damage. All information designated as confidential by the Assured provided to the Company pursuant to this paragraph shall not be disclosed to others unless, in the reasonable judgment of the Company, it is necessary in the administration of the claim. Failure of the Assured to submit for examination under oath, produce other reasonably requested information or grant permission to secure reasonable necessary information from third parties, as required in the above paragraph, unless prohibited by law or governmental regulation, shall terminate any liability of the Company under this Guarantee for the Assured for that claim.

6. **Options to Pay or Otherwise Settle Claims:**
   **Termination of Liability.**
   In case of a claim under this Guarantee, the Company shall have the following additional options:
   a. To pay or tender payment of the Amount of Liability together with any costs, attorneys' fees, and expenses incurred by the Assured that were authorized by the Company up to the time of payment or tender of payment and that the Company is obligated to pay.
   b. To pay or otherwise settle with the Assured any claim assured against under this Guarantee. In addition, the Company will pay any costs, attorneys' fees, and expenses incurred by the Assured that where authorized by the Company up to the time of payment or tender of payment and that the Company is obligated to pay; or
   c. To pay or otherwise settle with other parties for the loss or damage provided for under this Guarantee, together with any costs, attorneys' fees, and expenses incurred by the Assured that were authorized by the Company up to the time of payment and that the Company is obligated to pay.

Upon the exercise by the Company of either of the options provided for in 6 (a), (b) or (c) of this paragraph the Company's obligations to the Assured under this Guarantee for the claimed loss or damage, other than the payments required to be made, shall terminate, including any duty to continue any and all litigation initiated by the Company pursuant to Paragraph 4.

7. **Limitation Liability.**
   a. This Guarantee is a contract of Indemnity against actual monetary loss or damage sustained or incurred by the Assured claimant who has suffered loss or damage by reason of reliance upon the assurances set forth in Schedule A and only to the extent herein described, and subject to the Exclusions From Coverage of This Guarantee.
   b. If the Company, or the Assured under the direction of the Company at the Company's expense, removes the alleged defect, lien, or encumbrance or cures any other matter assured against by this Guarantee in a reasonably diligent manner by any method, including litigation and the completion of any appeals therefrom, it shall have fully performed its obligations with respect to that matter and shall not be liable for any loss or damage caused thereby.
   c. In the event of any litigation by the Company or with the Company's consent, the Company shall have no liability for loss or damage until there has been a final determination by a court of competent jurisdiction, and disposition of all appeals therefrom.
   d. The Company shall not be liable for loss or damage to the Assured for liability voluntarily assumed by the Assured in settling any claim or suit without the prior written consent of the Company.

8. **Reduction of Liability or Termination of Liability.**
   All payments under this Guarantee, except payments made for costs, attorneys' fees and expenses pursuant to Paragraph 4 shall reduce the Amount of Liability under this Guarantee pro tanto.

9. **Payment of Loss.**
   a. No payment shall be made without producing this Guarantee for endorsement of the payment unless the Guarantee has been lost or destroyed, in which case proof of loss or destruction shall be furnished to the satisfaction of the Company.
   b. When liability and the extent of loss or damage has been definitely fixed in accordance with these Conditions, the loss or damage shall be payable within thirty (30) days thereafter.
10. **Subrogation Upon Payment or Settlement.**
Whenever the Company shall have settled and paid a claim under this Guarantee, all right of subrogation shall vest in the Company unaffected by any act of the Assured claimant. The Company shall be subrogated to and be entitled to all rights and remedies which the Assured would have had against any person or property in respect to the claim had this Guarantee not been issued. If requested by the Company, the Assured shall transfer to the Company all rights and remedies against any person or property necessary in order to perfect this right of subrogation. The Assured shall permit the Company to sue, compromise or settle in the name of the Assured and to use the name of the Assured in any transaction or litigation involving these rights or remedies. If a payment on account of a claim does not fully cover the loss of the Assured the Company shall be subrogated to all rights and remedies of the Assured after the Assured shall have recovered its principal, interest, and costs of collection.

11. **Arbitration.**
Either the Company or the Assured may demand that the claim or controversy shall be submitted to arbitration pursuant to the Title Insurance Arbitration Rules of the American Land Title Association ("Rules"). Except as provided in the Rules, there shall be no joinder or consolidation with claims or controversies of other persons. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the Assured arising out of or relating to this Guarantee, any service of the Company in connection with its issuance or the breach of a Guarantee provision, or to any other controversy or claim arising out of the transaction giving rise to this Guarantee. All arbitrable matters when the amount of liability is $2,000,000 or less shall be arbitrated at the option of either the Company or the Assured. All arbitrable matters when the amount of liability is in excess of $2,000,000 shall be arbitrated only when agreed to by both the Company and the Assured. Arbitration pursuant to this Guarantee and under the Rules shall be binging upon the parties. Judgment upon the award rendered by the Arbitrator(s) may be entered in any court of competent jurisdiction.

12. **Liability Limited to This Guarantee; Guarantee Entire Contract.**
   a. This Guarantee together with all endorsements, if any, attached hereto by the Company is the entire Guarantee and contract between the Assured and the Company. In interpreting any provision of this Guarantee, this Guarantee shall be construed as a whole.
   b. Any claim of loss or damage, whether or not based on negligence, or any action asserting such claim, shall be restricted to this Guarantee.
   c. No amendment of or endorsement to this Guarantee can be made except by a writing endorsed hereon or attached hereto signed by either the President, a Vice President, the Secretary, an Assistant Secretary, or validating officer or authorized signatory of the Company.

13. **Severability.**
In the event any provision of this Guarantee, in whole or in part, is held invalid or unenforceable under applicable law, the Guarantee shall be deemed not to include that provision or such part held to be invalid, but all other provisions shall remain in full force and effect.

14. **Choice of Law; Forum.**
   a. **Choice of Law:** The Assured acknowledges the Company has underwritten the risks covered by this Guarantee and determined the premium charged therefor in reliance upon the law affecting interests in real property and applicable to the interpretation, rights, remedies, or enforcement of Guaranties of the jurisdiction where the Land is located. Therefore, the court or an arbitrator shall apply the law of the jurisdiction where the Land is located to determine the validity of claims that are adverse to the Assured and to interpret and enforce the terms of this Guarantee. In neither case shall the court or arbitrator apply its conflicts of law principles to determine the applicable law.
   b. **Choice of Forum:** Any litigation or other proceeding brought by the Assured against the Company must be filed only in a state or federal court within the United State of America or its territories having appropriate jurisdiction.

15. **Notices, Where Sent.**
All notices required to be given the Company and any statement in writing required to be furnished the Company shall include the number of this Guarantee and shall be addressed to the Company at **First American Title Insurance Company, Attn: Claims National Intake Center, 5 First American Way, Santa Ana, California 92707. Phone: 888-632-1642 (claims.nic@firstam.com).**
Schedule A

File No.: 5431865
Guarantee No. 5431865  Amount of Liability: $2500.00

Date of Guarantee: March 29, 2017 at 7:30 A.M.  Fee: $400.00

1. Name of Assured:
   City of Santa Rosa

2. The estate or interest in the Land which is covered by this Guarantee is:
   FEE

3. The Land referred to in this Guarantee is described as follows:
   Real property in the unincorporated area of the County of Sonoma, State of California, described as follows:
   
   BEING A PORTION OF RANCHO CABEZA DE SANTA ROSA, IN TOWNSHIP 7 NORTH, RANGE 8 WEST, M.D.& M. AND MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO WIT:
   
   BEGINNING AT AN IRON PIPE IN THE CENTER OF BURBANK AVENUE AS SHOWN ON A MAP OF WEST ROSELAND, SAID IRON PIPE IS THE SOUTHWEST CORNER OF THE 11 ACRE TRACT DEEDED TO GEORGE W. DUTTON BY JOHN MCMINN, SR., AND JAMES ROSS MCMINN BY DEED DATED NOVEMBER 4, 1903 AND RECORDED IN LIBER 251 OF DEEDS, PAGE 347, SONOMA COUNTY RECORDS; THENCE ALONG THE SOUTH LINE OF SAID LAND, NORTH 73° 00' EAST 893.6 FEET TO AN IRON PIPE ON THE EAST LINE OF THE 40.435 ACRE TRACT DEEDED BY ELIZABETH RICHIE TO JOHN MCMINN AND JAMES ROSS MCMINN BY DEED DATED JANUARY 7, 1904 AND RECORDED IN LIBER 209 OF DEEDS, PAGE 144, SONOMA COUNTY RECORDS; THENCE ALONG THE EAST LINE OF SAID TRACT, SOUTH 5° 45' EAST 159.1 FEET TO AN IRON PIPE; THENCE LEAVING SAID LINE SOUTH 73° WEST 250.00 FEET TO AN IRON PIPE; THENCE NORTH 5° 45' WEST, 39.5 FEET TO A STAKE; THENCE SOUTH 73° WEST 639.4 FEET TO AN IRON PIPE IN THE CENTER OF SAID BURBANK AVENUE; THENCE NORTH 5° 45' WEST 119.0 FEET TO THE POINT OF BEGINNING.

   APN: 125-252-003-000

4. ASSURANCES:
   According to the Public Records as of the Date of Guarantee,
a. Title to the estate or interest in the Land is vested in:
JESSE L. MCCAFFERTY, TRUSTEE OF THE MCCAFFERTY RANCH LIVING TRUST, DATED
APRIL 07, 2015, IN TRUST, AS THE SOLE AND SEPARATE PROPERTY OF JESSE L.
MCCAFFERTY, AS TO UNDIVIDED 50% INTEREST AND BARBARA N. BARTON, TRUSTEE OF
THE BARBARA N. BARTON LIVING TRUST DTD 5/23/13, AS TO UNDIVIDED 50% INTEREST
AS TENANTS-IN-COMMON, SUBJECT TO EXCEPTION NO. 12

b. Title to the estate or interest is subject to defects, liens, or encumbrances shown in
Schedule B which are not necessarily shown in the order of their priority.
File No.: 5431865

1. General and special taxes and assessments for the fiscal year 2017-2018, a lien not yet due or payable.

2. General and special taxes and assessments for the fiscal year 2016-2017.
   First Installment: $2,206.79, PAID
   Penalty: $0.00
   Second Installment: $2,447.46 "AMOUNT INCLUDES PENALTIES AND COST/FEE", DELINQUENT
   Penalty: $0.00
   Tax Rate Area: 150-008
   A. P. No.: 125-252-003-000

3. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

4. Any lien, assessment, and/or violation or enforcement of any law, ordinance, permit or governmental regulation arising from the document entitled NOTICE OF ABATEMENT PROCEEDINGS recorded November 07, 2000 as INSTRUMENT NO. 2000116962 of Official Records.

5. Notice of the violation or enforcement of a law, ordinance, permit, or governmental regulation relating to environmental protection as disclosed by the following document entitled NOTICE OF ABATEMENT PROCEEDINGS, recorded November 07, 2000 as INSTRUMENT NO. 2000116962 of Official Records.


7. A deed of trust to secure an original indebtedness of $273,037.00 recorded August 09, 2004 as INSTRUMENT NO. 2004121964 OF OFFICIAL RECORDS.
   Dated: September 10, 2003
   Trustor: JESSE L. MC CAFFERTY AND BARBARA N. MC CAFFERTY
   Trustee: PRLAP, INC.
   Beneficiary: BANK OF AMERICA, N.A.

8. The fact that the land lies within the boundaries of the SOUTHWEST Redevelopment Project Area, as disclosed by various documents of record.
9. A deed of trust to secure an original indebtedness of $300,000.00 recorded October 03, 2008 as INSTRUMENT NO. 2008088411 OF OFFICIAL RECORDS.

Dated: September 06, 2008
Trustor: JESSE L MCCAFFERTY, BARBARA N MCCAFFERTY
Trustee: PRLAP, INC
Beneficiary: PRLAP, INC

The above deed of trust states that it secures an equity line/revolving line of credit. Prior to the payment and suspension of the equity line/revolving line of credit, an instruction to suspend and close the equity line/revolving line of credit pursuant to CA Civil Code Section 2943.1 must be executed by the borrower.

10. Any lien, assessment, and/or violation or enforcement of any law, ordinance, permit or governmental regulation arising from the document entitled NOTICE OF ABATEMENT PROCEEDINGS recorded February 27, 2009 as INSTRUMENT NO. 2009017097 of Official Records.

11. Notice of the violation or enforcement of a law, ordinance, permit, or governmental regulation relating to environmental protection as disclosed by the following document entitled NOTICE OF ABATEMENT PROCEEDINGS, recorded February 27, 2009 as INSTRUMENT NO. 2009017097 of Official Records.


The requirement that this office be furnished with the evidence that the deed was an absolute conveyance for value, and that there are no other agreements, oral or written, regarding the ownership of the land described herein.

NOTE: Unable to verify if the above referenced "uninsured" deed is a valid transfer.

13. Any right, title or interest of the spouse (if any) of JESSE LEE MCCAFFERTY AND BARBARA NEIL MCCAFFERTY.

14. Rights of the public in and to that portion of the land lying within any Road, Street, Alley or Highway.
APPENDIX C

EDR RADIUS MAP REPORT
The EDR Radius Map™ Report
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report 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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1370 BURBANK AVENUE
SANTA ROSA, CA 95407

COORDINATES

Latitude (North): 38.4233330 - 38˚ 25’ 23.99”
Longitude (West): 122.7330830 - 122˚ 43’ 59.09”
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 523299.8
UTM Y (Meters): 4252613.5
Elevation: 124 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602166 SANTA ROSA, CA
Version Date: 2012

West Map: 5602170 SEBASTOPOL, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140608
Source: USDA
### MAPPED SITES SUMMARY

**Target Property Address:**
**1370 BURBANK AVENUE**  
**SANTA ROSA, CA  95407**

Click on Map ID to see full detail.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>ADDRESS</th>
<th>DATABASE ACRONYMS</th>
<th>RELATIVE ELEVATION</th>
<th>DIST (ft. &amp; mi.) DIRECTION</th>
</tr>
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### MAPPED SITES SUMMARY

**Target Property Address:**

1370 BURBANK AVENUE  
SANTA ROSA, CA 95407  

Click on Map ID to see full detail.

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<thead>
<tr>
<th>MAP ID</th>
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### MAPPED SITES SUMMARY

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1370 BURBANK AVENUE
SANTA ROSA, CA 95407

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<td>SHELL OIL WHOLSALE P</td>
<td>257 DUTTON</td>
<td>ENVIROSTOR, SLIC, ENF, HIST CORTESE, Notify 65</td>
<td>Higher</td>
<td>3665, 0.694, NE</td>
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<tr>
<td>R88</td>
<td>DAVE ZEDRICK, INC</td>
<td>257 DUTTON AVENUE</td>
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<td>Higher</td>
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<tr>
<td>89</td>
<td>MEADOWVIEW ELEMENTAR</td>
<td>2641 DUTTON MEADOW</td>
<td>ENVIROSTOR, SCH</td>
<td>Lower</td>
<td>3809, 0.721, SSE</td>
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<td>90</td>
<td>MC GOWEN AUTO WRECKE</td>
<td>116 HOLBROOK STREET</td>
<td>ENVIROSTOR</td>
<td>Higher</td>
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<tr>
<td>S91</td>
<td>RESIDENCE</td>
<td>1267 CORBY AVE</td>
<td>Notify 65</td>
<td>Higher</td>
<td>4004, 0.758, East</td>
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<tr>
<td>S92</td>
<td>RESIDENCE</td>
<td>1267 CORBY AVE</td>
<td>Notify 65</td>
<td>Higher</td>
<td>4004, 0.758, East</td>
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<tr>
<td>S93</td>
<td>RESIDENCE</td>
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<tr>
<td>94</td>
<td>C &amp; D BATTERIES</td>
<td>265 ROBERTS AVENUE</td>
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<td>Higher</td>
<td>4082, 0.773, NE</td>
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<td>T95</td>
<td>FORMER POINT ST. GEO</td>
<td>8 SEBASTOPOL ROAD</td>
<td>ENVIROSTOR, LUST, SLIC, VCP, SWEEPS UST,</td>
<td>Higher</td>
<td>4167, 0.789, NE</td>
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<tr>
<td>96</td>
<td>OPTICAL COATINGS LAB</td>
<td>2789 NORTHPOINT PARK</td>
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<td>4252, 0.805, WSW</td>
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<tr>
<td>97</td>
<td>CITY OF SANTA ROSA P</td>
<td>130 WEST THIRD STREE</td>
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<td>4325, 0.819, NNE</td>
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<tr>
<td>T98</td>
<td>ALLEFAAX</td>
<td>1 SEBASTOPOL AVENUE</td>
<td>LUST, ENF, HIST CORTESE, Notify 65</td>
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<td>99</td>
<td>GREG’S AUTOMOTIVE</td>
<td>DUTTON</td>
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<td>Higher</td>
<td>4515, 0.855, SE</td>
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<td>100</td>
<td>SQUARE DEAL AUTO WRE</td>
<td>214 ROBERT AVENUE</td>
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<td>101</td>
<td>FORMER ARCO STATION</td>
<td>1745 SANAT ROSA AVE</td>
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<tr>
<td>102</td>
<td>AM/PM MINI MART</td>
<td>440 HEARN AVENUE</td>
<td>LUST, HIST CORTESE, Notify 65</td>
<td>Higher</td>
<td>5177, 0.980, SE</td>
</tr>
</tbody>
</table>
EXECUTIVE SUMMARY

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
- NPL LIENS: Federal Superfund Liens

**Federal Delisted NPL site list**

- Delisted NPL: National Priority List Deletions

**Federal CERCLIS list**

- FEDERAL FACILITY: Federal Facility Site Information listing

**Federal RCRA CORRACTS facilities list**

- CORRACTS: Corrective Action Report

**Federal RCRA non-CORRACTS TSD facilities list**

- RCRA-TSDF: RCRA - Treatment, Storage and Disposal

**Federal RCRA generators list**

- RCRA-LQG: RCRA - Large Quantity Generators
- RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generator

**Federal institutional controls / engineering controls registries**

- LUCIS: Land Use Control Information System
- US ENG CONTROLS: Engineering Controls Sites List
- US INST CONTROL: Sites with Institutional Controls

**Federal ERNS list**

- ERNS: Emergency Response Notification System

**State- and tribal - equivalent NPL**

- RESPONSE: State Response Sites
EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists
SWF/LF. Solid Waste Information System

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

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

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

State and tribal Brownfields sites
BROWNFIELDS. Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS. A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites
WMUDS/SWAT. Waste Management Unit Database
SWRCY. Recycler Database
HAULERS. Registered Waste Tire Haulers Listing
INDIAN ODI. Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9. Torres Martinez Reservation Illegal Dump Site Locations
ODI. Open Dump Inventory
IHS OPEN DUMPS. Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites
US HIST CDL. Delisted National Clandestine Laboratory Register
HIST Cal-Sites. Historical CalSites Database
CDL. Clandestine Drug Labs
Toxic Pits. Toxic Pits Cleanup Act Sites
US CDL. National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks
HIST UST. Hazardous Substance Storage Container Database

Local Land Records
LIENS. Environmental Liens Listing
**EXECUTIVE SUMMARY**

<table>
<thead>
<tr>
<th>LIENS 2</th>
<th>CERCLA Lien Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEED</td>
<td>Deed Restriction Listing</td>
</tr>
</tbody>
</table>

**Records of Emergency Release Reports**

<table>
<thead>
<tr>
<th>HMIRS</th>
<th>Hazardous Materials Information Reporting System</th>
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<tbody>
<tr>
<td>CHMIRS</td>
<td>California Hazardous Material Incident Report System</td>
</tr>
<tr>
<td>LDS</td>
<td>Land Disposal Sites Listing</td>
</tr>
<tr>
<td>MCS</td>
<td>Military Cleanup Sites Listing</td>
</tr>
<tr>
<td>SPILLS 90</td>
<td>SPILLS 90 data from FirstSearch</td>
</tr>
</tbody>
</table>

**Other Ascertainable Records**

| FUDS | Formerly Used Defense Sites |
| DOD | Department of Defense Sites |
| SCRD DRYCLEANERS | State Coalition for Remediation of Drycleaners Listing |
| US FIN ASSUR | Financial Assurance Information |
| EPA WATCH LIST | EPA WATCH LIST |
| 2020 COR ACTION | 2020 Corrective Action Program List |
| TSCA | Toxic Substances Control Act |
| TRIS | Toxic Chemical Release Inventory System |
| SSTS | Section 7 Tracking Systems |
| ROD | Records Of Decision |
| RMP | Risk Management Plans |
| RAATS | RCRA Administrative Action Tracking System |
| PRP | Potentially Responsible Parties |
| PADS | PCB Activity Database System |
| ICIS | Integrated Compliance Information System |
| FTTS | FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| MLTS | Material Licensing Tracking System |
| COAL ASH DOE | Steam-Electric Plant Operation Data |
| COAL ASH EPA | Coal Combustion Residues Surface Impoundments List |
| PCB TRANSFORMER | PCB Transformer Registration Database |
| RADINFO | Radiation Information Database |
| HIST FTTS | FIFRA/TSCA Tracking System Administrative Case Listing |
| DOT OPS | Incident and Accident Data |
| CONSENT | Superfund (CERCLA) Consent Decrees |
| INDIAN RESERV | Indian Reservations |
| FUSRAP | Formerly Utilized Sites Remedial Action Program |
| UMTRA | Uranium Mill Tailings Sites |
| LEAD SMELTERS | Lead Smelter Sites |
| US AIRS | Aerometric Information Retrieval System Facility Subsystem |
| US MINES | Mines Master Index File |
| ABANDONED MINES | Abandoned Mines |
| FINDS | Facility Index System/Facility Registry System |
| UXO | Unexploded Ordnance Sites |
| ECHO | Enforcement & Compliance History Information |
| DOCKET HWC | Hazardous Waste Compliance Docket Listing |
| FUELS PROGRAM | EPA Fuels Program Registered Listing |
| CUPA Listings | CUPA Resources List |
| DRYCLEANERS | Cleaner Facilities |
| EMI | Emissions Inventory Data |
| ENF | Enforcement Action Listing |
| Financial Assurance | Financial Assurance Information Listing |
HAZNET Facility and Manifest Data
ICE EnviroStor Permitted Facilities Listing
HWP Registered Hazardous Waste Transporter Database
HWT Mines Site Location Listing
MINES Medical Waste Management Program Listing
MWMP Pesticide Regulation Licenses Listing
NPDES Permits Listing
PEST LIC Certified Processors Database
PROC UIC Listing
UIC UIC Listing
WASTEWATER PITS Waste Discharge System
WDS Well Investigation Program Case List
WIP Exclusive Recovered Govt. Archives

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives
RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

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 CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA’s Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 12/11/2017 has revealed that there are 2 SEMS sites within approximately 0.5 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>WEST AVENUE MERCURY</td>
<td>1363 WEST AVENUE</td>
<td>E 1/8 - 1/4 (0.185 mi.)</td>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td>BAUGH, MS. WILSON</td>
<td>805 SEBASTOPOL RD.</td>
<td>NNE 1/4 - 1/2 (0.428 mi.)</td>
<td>N57</td>
<td>191</td>
</tr>
</tbody>
</table>

**Federal CERCLIS NFRAP site list**

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/11/2017 has revealed that there are 4 SEMS-ARCHIVE sites within approximately 0.5 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>
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<tbody>
<tr>
<td>OPTICAL CODING LABOR</td>
<td>970 SEBASTOPOL RD.</td>
<td>NNE 1/4 - 1/2 (0.377 mi.)</td>
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<td>110</td>
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<tr>
<td>ROSELAND SCHOOL WELL</td>
<td>950 SEBASTOPOL ROAD</td>
<td>NNE 1/4 - 1/2 (0.383 mi.)</td>
<td>J38</td>
<td>113</td>
</tr>
<tr>
<td>ACME AUTO WRECKERS</td>
<td>1885 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.402 mi.)</td>
<td>I43</td>
<td>119</td>
</tr>
<tr>
<td>ALMETCO</td>
<td>1733 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.452 mi.)</td>
<td>Q70</td>
<td>227</td>
</tr>
</tbody>
</table>

**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 12/11/2017 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
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<th>Address</th>
<th>Direction / Distance</th>
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<th>Page</th>
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<tbody>
<tr>
<td>HOLDEN COMPANY SANTA</td>
<td>1062 WEST AVE</td>
<td>ENE 1/8 - 1/4 (0.241 mi.)</td>
<td>B5</td>
<td>19</td>
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</tbody>
</table>
**EXECUTIVE SUMMARY**

**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 10/30/2017 has revealed that there are 22 ENVIROSTOR sites within approximately 1 mile of the target property.

<table>
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<tr>
<td>NEW ROSELAND AREA EL</td>
<td>1683 BURBANK AVENUE</td>
<td>SW 0 - 1/8 (0.036 mi.)</td>
<td>A1</td>
<td>8</td>
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<tr>
<td>MCMINN AVENUE</td>
<td>841 MCMINN AVENUE</td>
<td>N 1/4 - 1/2 (0.277 mi.)</td>
<td>8</td>
<td>22</td>
</tr>
<tr>
<td>ROSELAND UNIVERSITY</td>
<td>1777 WEST AVENUE</td>
<td>SE 1/4 - 1/2 (0.314 mi.)</td>
<td>12</td>
<td>26</td>
</tr>
<tr>
<td>S.W. BROWN</td>
<td>1175 SEBASTOPOL ROAD</td>
<td>N 1/4 - 1/2 (0.347 mi.)</td>
<td>G22</td>
<td>77</td>
</tr>
<tr>
<td>WESCOTTYS AUTO &amp; TRUC</td>
<td>1569 SEBASTOPOL RD</td>
<td>NNW 1/4 - 1/2 (0.359 mi.)</td>
<td>E29</td>
<td>103</td>
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<tr>
<td>COAST AUTO WRECKING</td>
<td>949 SEBASTOPOL RD</td>
<td>NNE 1/4 - 1/2 (0.398 mi.)</td>
<td>J41</td>
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<td>ACME AUTO WRECKERS,</td>
<td>1885 SEBASTOPOL RD</td>
<td>NW 1/4 - 1/2 (0.402 mi.)</td>
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<td>ALMETCO</td>
<td>1733 SEBASTOPOL RD</td>
<td>NW 1/4 - 1/2 (0.452 mi.)</td>
<td>Q71</td>
<td>228</td>
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<tr>
<td>SANTA ROSA CIRCUITS</td>
<td>35 AND 48 WEST BARHA</td>
<td>ENE 1/2 - 1 (0.541 mi.)</td>
<td>76</td>
<td>241</td>
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<tr>
<td>FOUCHE AUTO WRECKERS</td>
<td>2290 DUTTON AVENUE</td>
<td>SE 1/2 - 1 (0.677 mi.)</td>
<td>84</td>
<td>270</td>
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<tr>
<td>SANTA ROSA PLATING W</td>
<td>80 BARHAM AVE</td>
<td>ENE 1/2 - 1 (0.688 mi.)</td>
<td>86</td>
<td>273</td>
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<tr>
<td>SHELL OIL WHOLSALE P</td>
<td>257 DUTTON</td>
<td>NE 1/2 - 1 (0.694 mi.)</td>
<td>R87</td>
<td>274</td>
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</table>
EXECUTIVE SUMMARY

Facility Id: 49510002
Status: Refer: RWQCB
MC GOWEN AUTO WRECKE 116 HOLBROOK STREET NE 1/2 - 1 (0.741 mi.) 90 301
Facility Id: 49500015
Status: Refer: RWQCB
C & D BATTERIES 265 ROBERTS AVENUE NE 1/2 - 1 (0.773 mi.) 94 303
Facility Id: 49360004
Status: Refer: RWQCB
FORMER POINT ST. GEO 8 SEBASTOPOL ROAD NE 1/2 - 1 (0.789 mi.) T95 305
Facility Id: 49200002
Status: Refer: RWQCB
CITY OF SANTA ROSA P 130 WEST THIRD STREET NNE 1/2 - 1 (0.819 mi.) 97 350
Facility Id: 49160001
Status: Refer: Other Agency
SQUARE DEAL AUTO WRE 214 ROBERT AVENUE NE 1/2 - 1 (0.883 mi.) 100 362
Facility Id: 49500005
Status: Refer: RWQCB

State and tribal leaking storage tank lists
LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 29 LUST sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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<tbody>
<tr>
<td>SONOMA COUNTY INDIAN</td>
<td>1440 STONY POINT ROA</td>
<td>WSW 1/4 - 1/2 (0.342 mi.)</td>
<td>19</td>
<td>75</td>
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<tr>
<td>REDWOOD CHEMICAL</td>
<td>2450 STONEY POINT RO</td>
<td>SSW 1/2 - 1 (0.642 mi.)</td>
<td>81</td>
<td>243</td>
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<tr>
<td>MEADOW VIEW EXPANSIO</td>
<td>1550 &amp; 1590 HEARN AV</td>
<td>S 1/2 - 1 (0.657 mi.)</td>
<td>82</td>
<td>245</td>
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<tr>
<td>MEADOWVIEW ELEMENTAR</td>
<td>2641 DUTTON MEADOW</td>
<td>SSE 1/2 - 1 (0.721 mi.)</td>
<td>89</td>
<td>295</td>
</tr>
<tr>
<td>OPTICAL COATINGS LAB</td>
<td>2789 NORTHPOINT PARK</td>
<td>WSW 1/2 - 1 (0.805 mi.)</td>
<td>96</td>
<td>322</td>
</tr>
</tbody>
</table>

<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>C &amp; L MOTORS</td>
<td>1380 SEBASTOPOL ROAD</td>
<td>NNW 1/4 - 1/2 (0.334 mi.)</td>
<td>F14</td>
<td>31</td>
</tr>
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</table>

Database: LUST, Date of Government Version: 12/11/2017
EXECUTIVE SUMMARY

Status: Completed - Case Closed
Global Id: T0609765962

ROSELAND PAINT CENTE  1160 SEBASTOPOL ROAD  N 1/4 - 1/2 (0.338 mi.)  G16  35
Database: LUST, Date of Government Version: 12/11/2017
Status: Completed - Case Closed
Global Id: T0609793188

TRIPLE S TIRES  1124 SEBASTOPOL ROAD  N 1/4 - 1/2 (0.338 mi.)  G17  37
Database: LUST, Date of Government Version: 12/11/2017
Status: Open - Remediation
Facility Id: 1TSO515
Global Id: T0609700364

QUICK STOP MARKET #3  816 MCMINN AVENUE  N 1/4 - 1/2 (0.340 mi.)  H18  54
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/11/2017
Status: Open - Verification Monitoring
Facility Id: 1TSR275
Global Id: T0609700721

S.W. BROWN  1175 SEBASTOPOL ROAD  N 1/4 - 1/2 (0.347 mi.)  G22  77
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/11/2017
Status: Open - Remediation
Facility Id: 1TSO271
Global Id: T0609700922

WITHERS CAR WASH  1450 SEBASTOPOL  NNW 1/4 - 1/2 (0.348 mi.)  E23  89
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/11/2017
Status: Completed - Case Closed
Facility Id: 1TSO090
Global Id: T0609700063

SLAKEY BROTHERS  1289 SEBASTOPOL RD  NNW 1/4 - 1/2 (0.351 mi.)  F25  92
Database: SONOMA CO. LUST, Date of Government Version: 01/04/2018
Global Id: T0609700022

SLAKEY BROTHERS  1289 SEBASTOPOL ROAD  NNW 1/4 - 1/2 (0.351 mi.)  F26  92
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/11/2017
Status: Completed - Case Closed
Facility Id: 1TSO030
Global Id: T0609700022

ITT CONTINENTAL BAKI  1810 SEBASTOPOL RD  WNW 1/4 - 1/2 (0.360 mi.)  I30  109
Database: SONOMA CO. LUST, Date of Government Version: 01/04/2018
Global Id: T0609700659

LAIDLAW TRANSPORTATION  SEBASTOPOL ROAD 959  NNE 1/4 - 1/2 (0.369 mi.)  J31  109
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO151

BEACON #489 (ULTRAMAC)  SEBASTOPOL ROAD 921  NNE 1/4 - 1/2 (0.380 mi.)  J34  111
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO269

CONTINENTAL BAKING C  1840 SEBASTOPOL ROAD  NW 1/4 - 1/2 (0.381 mi.)  I35  111
Database: LUST, Date of Government Version: 12/11/2017
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<td>921 SEBASTOPOL ROAD NNE 1/4 - 1/2 (0.411 mi.)</td>
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<td>1050 DUTTON ENE 1/4 - 1/2 (0.419 mi.)</td>
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<tr>
<td>NOR CAL GLASS COMPAN</td>
<td>SEBASTOPOL ROAD 673 NNE 1/4 - 1/2 (0.436 mi.)</td>
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EXECUTIVE SUMMARY

Facility Id: 1TSO057

**BP/REDWOOD OIL 110**
760 SEBASTOPOL NNE 1/4 - 1/2 (0.436 mi.)
N61 199
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/11/2017
Status: Open - Assessment & Interim Remedial Action
Facility Id: 1TSO254
Global Id: T0609700191
Global Id: T060977408

**ALMETCO**
1733 SEBASTOPOL ROAD NW 1/4 - 1/2 (0.452 mi.)
Q70 227
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO463

**ALMETCO**
1733 SEBASTOPOL RD NW 1/4 - 1/2 (0.452 mi.)
Q71 228
Database: LUST, Date of Government Version: 12/11/2017
Global Id: T0609700329

**ROSELAND VILLAGE SHO**
665 SEBASTOPOL RD NNE 1/4 - 1/2 (0.466 mi.)
P72 232
Database: SONOMA CO. LUST, Date of Government Version: 01/04/2018
Global Id: T0609700174

**FRONTIER ELECTRIC**
1599 HAMPTON WAY NNW 1/4 - 1/2 (0.495 mi.)
75 236
Database: LUST, Date of Government Version: 12/11/2017
Global Id: T0609700055

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there are 25 SLIC sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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<tr>
<td>ROSELAND CREEK @ BUR</td>
<td>BURBANK AVENUE SW 0 - 1/8 (0.050 mi.)</td>
<td>A2</td>
<td>13</td>
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</table>
| Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Completed - Case Closed
Global Id: SL0609756518 |
| DUTTON & ASSOCIATES    | 1800 BURBANK AVENUE S 1/4 - 1/2 (0.259 mi.) | C7 | 22 |
| Database: SLIC REG 1, Date of Government Version: 04/03/2003
Facility Id: 1NSR233 |
| DUTTON & ASSOCIATES    | 1850 BURBANK AVENUE S 1/4 - 1/2 (0.286 mi.) | C9 | 25 |
| Database: SLIC REG 1, Date of Government Version: 04/03/2003
Facility Id: 1NSR232 |
| ROSELAND PAINT CENTE   | 1160 SEBASTOPOL RD N 1/4 - 1/2 (0.338 mi.) | G15 | 34 |
| Database: SLIC REG 1, Date of Government Version: 04/03/2003
Facility Id: 1NSO272 |
| SONOMA COUNTY COMMUN   | SEBASTOPOL ROAD NNW 1/4 - 1/2 (0.347 mi.) | F21 | 77 |
| Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Completed - Case Closed
Global Id: T0609793233 |
| GARDENER’S AID        | 1050 SEBASTOPOL ROAD N 1/4 - 1/2 (0.349 mi.) | H24 | 91 |
| Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: SLIC, Date of Government Version: 12/11/2017 |
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<td>COTTAGE BAR</td>
<td>1099 SEBASTOPOL ROAD</td>
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<td>T0609793273</td>
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<td>12/11/2017</td>
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<td>KINGWOOD SUBDIVISION</td>
<td>1055 DUTTON AVENUE,</td>
<td>Completed - Case Closed</td>
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<td>12/11/2017</td>
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<td>ACME AUTO WRECKERS I</td>
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<td>Open - Inactive</td>
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<td>BSC CLEANERS</td>
<td>800 SEBASTOPOL ROAD</td>
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<td>OPTICAL COATING LABO</td>
<td>977 SEBASTOPOL ROAD</td>
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<tr>
<td>SANTA ROSA VALUE CEN</td>
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Facility Status: Completed - Case Closed
Global Id: SL609792528

SEBASTOPOL RD @ WEST  SEBASTOPOL ROAD  NNE 1/4 - 1/2 (0.438 mi.)  N64  221
Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Open - Inactive
Facility Id: 1NSR349
Global Id: T0609793446

INDUSTRIAL MACHINE &  928 DUTTON AVENUE, N  ENE 1/4 - 1/2 (0.443 mi.)  65  222
Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Open - Inactive
Facility Id: 1NSR146
Global Id: T0609793214

SANTA ROSA DPW SEWER  ROSELAND AVENUE  N 1/4 - 1/2 (0.448 mi.)  66  222
Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Completed - Case Closed
Facility Id: 1NSR242
Global Id: T0609793310

ROSELAND CLEANERS  761 SEBASTOPOL ROAD  NNE 1/4 - 1/2 (0.450 mi.)  N67  223
Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Open - Site Assessment
Global Id: SL0609779635

HOLLAND CLEANERS  700 SEBASTOPOL ROAD  NNE 1/4 - 1/2 (0.451 mi.)  P68  224
Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Completed - Case Closed
Global Id: SL0609757511

ALMETCO  1733 SEBASTOPOL RD  NW 1/4 - 1/2 (0.452 mi.)  Q71  228
Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Completed - Case Closed
Facility Id: 1NSO463
Global Id: T0609791135

CLEANING MART  651 SEBASTOPOL ROAD  NNE 1/4 - 1/2 (0.476 mi.)  P74  235
Database: SLIC, Date of Government Version: 12/11/2017
Facility Status: Completed - Case Closed
Global Id: SL0609797962

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites
SCH: 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.

A review of the SCH list, as provided by EDR, and dated 10/30/2017 has revealed that there is 1 SCH
site within approximately 0.25 miles of the target property.

### Local Lists of Registered Storage Tanks

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 is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
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<tr>
<td>NEW ROSELAND AREA EL</td>
<td>1683 BURBANK AVENUE</td>
<td>SW 0 - 1/8 (0.036 mi.)</td>
<td>A1</td>
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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 0.25 miles of the target property.

<table>
<thead>
<tr>
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<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEE JAY SOSA &amp; GLOSS</td>
<td>13 W 003RD ST</td>
<td>NE 1/8 - 1/4 (0.242 mi.)</td>
<td>B6</td>
<td>21</td>
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</table>

Other Ascertainable 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 12/11/2017 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<table>
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<tr>
<th>Lower Elevation</th>
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<tbody>
<tr>
<td>AMERICAN FILTER RECO</td>
<td>1218 TROMBETTA ST</td>
<td>WSW 1/8 - 1/4 (0.224 mi.)</td>
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<td>15</td>
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</table>
CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

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

<table>
<thead>
<tr>
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<td>MCMINN AVENUE</td>
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<td>NNW 1/4 - 1/2 (0.316 mi.)</td>
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</table>

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 02/08/2018 has revealed that there are 6 Cortese sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
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</thead>
<tbody>
<tr>
<td>TRIPLE S TIRES</td>
<td>1124 SEBASTOPOL RD</td>
<td>N 1/4 - 1/2 (0.338 mi.)</td>
<td>G17</td>
<td>37</td>
</tr>
<tr>
<td>BEACON STATION 489</td>
<td>921 SEBASTOPOL ROAD</td>
<td>NNE 1/4 - 1/2 (0.411 mi.)</td>
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<td>133</td>
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<td>BILL NIDA TEXACO</td>
<td>1980 SEBASTOPOL RD</td>
<td>WNW 1/4 - 1/2 (0.420 mi.)</td>
<td>M49</td>
<td>159</td>
</tr>
<tr>
<td>BEVAN PEARSON MOVING</td>
<td>995 SEBASTOPOL</td>
<td>NNE 1/4 - 1/2 (0.426 mi.)</td>
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<td>168</td>
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<tr>
<td>REDWOOD OIL CO</td>
<td>760 SEBASTOPOL RD</td>
<td>NNE 1/4 - 1/2 (0.436 mi.)</td>
<td>N63</td>
<td>220</td>
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<tr>
<td>PHOENIX WINDOWS</td>
<td>1733 SEBASTOPOL</td>
<td>NW 1/4 - 1/2 (0.452 mi.)</td>
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</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 [CAL-SITES]. 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 18 HIST CORTESE sites within approximately 0.5 miles of the target property.

<table>
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<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
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<tbody>
<tr>
<td>TRIPLE S TIRES</td>
<td>1124 SEBASTOPOL ROAD</td>
<td>N 1/4 - 1/2 (0.338 mi.)</td>
<td>G17</td>
<td>37</td>
</tr>
<tr>
<td>QUICK STOP MARKET #3</td>
<td>816 MCMINN AVENUE</td>
<td>N 1/4 - 1/2 (0.340 mi.)</td>
<td>H18</td>
<td>54</td>
</tr>
<tr>
<td>S.W. BROWN</td>
<td>1175 SEBASTOPOL ROAD</td>
<td>N 1/4 - 1/2 (0.347 mi.)</td>
<td>G22</td>
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<td>WITHERS CAR WASH</td>
<td>1450 SEBASTOPOL</td>
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<tr>
<td>SLAKEY BROTHERS</td>
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<td>NNW 1/4 - 1/2 (0.351 mi.)</td>
<td>F26</td>
<td>92</td>
</tr>
<tr>
<td>CONTINENTAL BAKING C</td>
<td>1840 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.381 mi.)</td>
<td>I35</td>
<td>111</td>
</tr>
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<td>LALDLOW TRANSPORTATI</td>
<td>959 SEBASTOPOL ROAD</td>
<td>NNE 1/4 - 1/2 (0.392 mi.)</td>
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<td>ACME AUTO WRECKERS,</td>
<td>1885 SEBASTOPOL RD</td>
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<td>NNE 1/4 - 1/2 (0.411 mi.)</td>
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</table>
Notify 65: 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.

A review of the Notify 65 list, as provided by EDR, and dated 12/14/2017 has revealed that there are 22 Notify 65 sites within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
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<th>Direction / Distance</th>
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<tbody>
<tr>
<td>ANDY BONDI</td>
<td>1834 ROSE AVENUE</td>
<td>WNW 1/4 - 1/2 (0.293 mi.)</td>
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<tr>
<td>ANDY BONDI</td>
<td>1834 ROSE AVENUE</td>
<td>WNW 1/4 - 1/2 (0.293 mi.)</td>
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<td>MCMINN AVENUE SUPERF</td>
<td>1100 SEBASTOPOL RD</td>
<td>N 1/4 - 1/2 (0.343 mi.)</td>
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<tr>
<td>SлаKEY BROTHERS</td>
<td>1289 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.351 mi.)</td>
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<td>92</td>
</tr>
<tr>
<td>WILSON BAUGH ENTERPR</td>
<td>805 SEBASTOPAL</td>
<td>NNE 1/4 - 1/2 (0.428 mi.)</td>
<td>N58</td>
<td>198</td>
</tr>
<tr>
<td>SEBASTOPAL B.P.</td>
<td>760 SEBASTOPAL</td>
<td>NNE 1/4 - 1/2 (0.436 mi.)</td>
<td>N62</td>
<td>220</td>
</tr>
<tr>
<td>YELLOW ROADWAY FREIG</td>
<td>270 DUTTON AVENUE</td>
<td>NEE 1/2 - 1 (0.585 mi.)</td>
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<td>242</td>
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<tr>
<td>EXCHANGE BANK DATA C</td>
<td>330 SEBASTOPAL</td>
<td>NE 1/2 - 1 (0.610 mi.)</td>
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<td>243</td>
</tr>
<tr>
<td>258 DUTTON</td>
<td>258 DUTTON</td>
<td>NEE 1/2 - 1 (0.610 mi.)</td>
<td>79</td>
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Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

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<tr>
<td>EUROCAL AUTO BODY</td>
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<td>AHL PROPERTY</td>
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<td>SOUTHERN PACIFIC TRANS CO.</td>
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<td>SONOMA COUNTY COMMUNITY DEVELOPMEN</td>
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## Standard Environmental Records

### Federal NPL Site List
- **NPL**: 1.000
- **Proposed NPL**: 1.000
- **NPL LIENS**: 0.001

### Federal Delisted NPL Site List
- **Delisted NPL**: 1.000

### Federal CERCLIS List
- **FEDERAL FACILITY**: 0.500
- **SEMS**: 0.500

### Federal CERCLIS NFRAP Site List
- **SEMS-ARCHIVE**: 0.500

### Federal RCRA CORRACTS Facilities List
- **CORRACTS**: 1.000

### Federal RCRA Non-CORRACTS TSD Facilities List
- **RCRA-TSDF**: 0.500

### Federal RCRA Generators List
- **RCRA-LQG**: 0.250
- **RCRA-SQG**: 0.250
- **RCRA-CESQG**: 0.250

### Federal Institutional Controls / Engineering Controls Registries
- **LUCIS**: 0.500
- **US ENG CONTROLS**: 0.500
- **US INST CONTROL**: 0.500

### Federal ERNS List
- **ERNS**: 0.001

### State- and Tribal - Equivalent NPL
- **RESPONSE**: 1.000

### State- and Tribal - Equivalent CERCLIS
- **ENVIROSTOR**: 1.000

### State and Tribal Landfill and/or Solid Waste Disposal Site Lists
- **SWF/LF**: 0.500

### State and Tribal Leaking Storage Tank Lists
- **LUST**: 0.500
### MAP FINDINGS SUMMARY

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#### State and tribal registered storage tank lists

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### ADDITIONAL ENVIRONMENTAL RECORDS

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

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**Exclusive Recovered Govt. Archives**

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- Totals --       | 0                       | 3               | 5     | 97        | 29        | 0      | 134 |

**NOTES:**

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

Actual: 124 ft.

### ENVIROSTOR:
- **Facility ID:** 70000113
- **Status:** Active
- **Status Date:** 08/03/2012
- **Site Code:** 204162
- **Site Type:** School Cleanup
- **Site Type Detailed:** School
- **Acres:** 11.4
- **NPL:** NO
- **Regulatory Agencies:** SMBRP
- **Lead Agency:** SMBRP
- **Program Manager:** Jose Salcedo
- **Supervisor:** Jose Salcedo
- **Division Branch:** Northern California Schools & Santa Susana
- **Assembly:** 10
- **Senate:** 02
- **Special Program:** Not reported
- **Restricted Use:** YES
- **Site Mgmt Req:** NONE SPECIFIED
- **Funding:** School District
- **Latitude:** 38.42215
- **Longitude:** -122.7354
- **APN:** 125-321-001
- **Past Use:** AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
- **Potential COC:** Under Investigation Arsenic DDD DDE DDT Lead Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE
- **Confirmed COC:** Polynuclear aromatic hydrocarbons (PAHs 30022-NO Under Investigation 30027-NO 30001-NO 30006-NO 30007-NO 30008-NO Lead
- **Potential Description:** SED, SOIL, SV, SURFW
- **Alias Name:** New Burbank Elementary School
- **Alias Type:** Alternate Name
- **Alias Name:** Roseland Elementary School
- **Alias Type:** Alternate Name
- **Alias Name:** 125-321-001
- **Alias Type:** APN
- **Alias Name:** New Burbank Elementary School
- **Alias Type:** Former Project ID
- **Alias Name:** 110033611731
- **Alias Type:** EPA (FRS #)
- **Alias Name:** 204162
- **Alias Type:** Project Code (Site Code)
- **Alias Name:** 70000113
- **Alias Type:** Envirostor ID Number

### Completed Info:
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Partial Site Approval
- **Completed Date:** 09/21/2007
- **Comments:** DTSC issued a partial site approval and approved CDE Form SFPD 4.15.
## NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

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<td>DTSC reviewed the removal action documentation sent by Roseland School District and conducted a site visit on 8/21/2012 to confirm current site conditions. DTSC approved the school for occupancy pending completion of RAW activities and submittal and approval of a RACR.</td>
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<td>Approved the Workplan conditional on submittal of a work notice.</td>
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<td>DTSC approved the SSI Workplan. Project manager gave verbal permission to District to implement SSI Workplan on 6/21/07.</td>
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NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)  

Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/07/2008
Comments: DTSC approved the SSI report with a further action determination for lead around the perimeters of two buildings and PAHs in sediments in Roseland Creek, next to Burbank Avenue.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 09/21/2007
Comments: 4.15 Form and Partial Site Approval are uploaded under the "Partial Site Approval" activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/31/2008
Comments: The DTSC public participation specialist sent the project manager a copy of the formatted Fact Sheet (minus the dates) for the Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/29/2008
Comments: PPS sent a PDF of the Final Community Profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/27/2008
Comments: Final Public Notice completed and uploaded.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Completion Report
Schedule Due Date: 10/30/2017
Schedule Revised Date: Not reported

SCH:

Facility ID: 70000113
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 11.4
### NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

- **National Priorities List:** NO
- **Cleanup Oversight Agencies:** SMBRP
- **Lead Agency:** SMBRP
- **Lead Agency Description:** DTSC - Site Cleanup Program
- **Project Manager:** Jose Salcedo
- **Supervisor:** Jose Salcedo
- **Division Branch:** Northern California Schools & Santa Susana
- **Site Code:** 204162
- **Assembly:** 10
- **Senate:** 02
- **Special Program Status:** Not reported
- **Status:** Active
- **Status Date:** 08/03/2012
- **Restricted Use:** YES
- **Funding:** School District
- **Latitude:** 38.42215
- **Longitude:** -122.7354
- **APN:** 125-321-001
- **Past Use:** AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
- **Potential COC:** Under Investigation, Arsenic, DDD, DDE, DDT, Lead, Polynuclear aromatic hydrocarbons (PAHs), Tetrachloroethylene (PCE), Trichloroethylene (TCE)
- **Confirmed COC:** Polynuclear aromatic hydrocarbons (PAHs), 30022-NO, Under Investigation, 30027-NO, 30001-NO, 30006-NO, 30007-NO, 30008-NO, Lead
- **Potential Description:** SED, SOIL, SV, SURFW
- **Alias Name:** New Burbank Elementary School
- **Alias Type:** Alternate Name
- **Alias Name:** Roseland Elementary School
- **Alias Type:** Alternate Name
- **Alias Name:** 125-321-001
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- **Alias Type:** Project Code (Site Code)
- **Alias Name:** 70000113
- **Alias Type:** Envirostor ID Number

**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Partial Site Approval
- **Completed Date:** 09/21/2007
- **Comments:** DTSC issued a partial site approval and approved CDE Form SFPD 4.15.

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**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** School Cleanup Agreement
- **Completed Date:** 09/05/2007
- **Comments:** Not reported

**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Correspondence
- **Completed Date:** 08/07/2013
- **Comments:** Signatory change on SCA.
NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/06/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2012
Comments: DTSC reviewed the removal action documentation sent by Roseland School District and conducted a site visit on 8/21/2012 to confirm current site conditions. DTSC approved the school for occupancy pending completion of RAW activities and submittal and approval of a RACR.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 09/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/09/2009
Comments: NOE for RAW approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/16/2006
Comments: Approved the Workplan conditional on submittal of a work notice.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/17/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 06/29/2007
Comments: DTSC approved the SSI Workplan. Project manager gave verbal permission to District to implement SSI Workplan on 6/21/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/07/2008
Comments: DTSG approved the SSI report with a further action determination for lead around the perimeters of two buildings and PAHs in sediments in Roseland Creek, next to Burbank Avenue.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

Completed Document Type: Removal Action Workplan
Completed Date: 03/09/2009
Comments: RAW approved for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 09/21/2007
Comments: 4.15 Form and Partial Site Approval are uploaded under the "Partial Site Approval" activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/31/2008
Comments: The DTSC public participation specialist sent the project manager a copy of the formatted Fact Sheet (minus the dates) for the Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/29/2008
Comments: PPS sent a PDF of the Final Community Profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/27/2008
Comments: Final Public Notice completed and uploaded.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Completion Report
Schedule Due Date: 10/30/2017
Schedule Revised Date: Not reported

ROSELAND CREEK @ BURBANK AVENUE
BURBANK AVENUE
< 1/8
0.050 mi.
263 ft.
Site 2 of 2 in cluster A

SLIC: S108937598
N/A

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/03/2010
Global Id: SL0609756518
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4221252062392
Longitude: -122.734837532043
Case Type: Cleanup Program Site
Case Worker: ZZZ
ROSELAND CREEK @ BURBANK AVENUE  (Continued)

Local Agency: Not reported
RB Case Number: 1NSO904
File Location: Regional Board
Potential Media Affected: Sediments, Surface water, Under Investigation
Potential Contaminants of Concern: * Metals/Heavy Metals, * Polynuclear Aromatic Hydrocarbons
Site History: Sediment contamination identified in Roseland Creek during a Phase II investigation by DTSC related to the intent to develop a neighboring property as a school. Source of contamination suspected to be related to impacted storm water run-off. Remedial efforts will be addressed during future development, as required by a 401 certification.

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

---

3
East
1/8-1/4
976 ft.

Relative:
Higher

Actual:
134 ft.

SEMS:
Site ID: 908799
EPA ID: CAN000908799
Cong District: Not reported
FIPS Code: 6097
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 9
Site ID: 908799
EPA ID: CAN000908799
Site Name: WEST AVENUE MERCURY
NPL: N
FF: N
OU: 0
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2010-01-13 00:00:00
Finish Date: 1/18/2010
Qual: C
Current Action Lead: EPA Perf
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<th>EDR ID Number</th>
<th>EPA ID Number</th>
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</thead>
<tbody>
<tr>
<td>1001481039</td>
<td>CAR0000049676</td>
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**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

- Waste code: D001
- Waste name: IGNITABLE WASTE

**MAP FINDINGS**

**Map ID**
- Direction: WSW
- Distance: 0.224 mi.
- Elevation: 1182 ft.

**Site**
- **AMERICAN FILTER RECOVERY SVCS**
- 1218 TROMBETTA ST
- SANTA ROSA, CA 95407

**EPA ID Number**
- CAR0000049676

**Database(s)**
- FINDS
- ECHO
- HAZNET
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<td>D003</td>
<td>REACTIVE WASTE</td>
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<tr>
<td>F001</td>
<td>THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDs USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
</tr>
<tr>
<td>F002</td>
<td>THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
</tr>
<tr>
<td>F003</td>
<td>THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
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<td>F004</td>
<td>THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
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<td>F005</td>
<td>THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
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<tr>
<td>F037</td>
<td>PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS</td>
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DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

Violation Status: No violations found

FINDS:

Registry ID: 110002926736

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001481039
Registry ID: 110002926736
DFR URL: http://echo.epa.gov/detailed-facility-report?fId=110002926736

HAZNET:

envid: 1001481039
Year: 2000
GEPAID: CAR000049676
Contact: LAINÉ ALBERT LEWIS
Telephone: --
Mailing Name: Not reported
Mailing Address: P O BOX 7349
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1001481039
Year: 1999
GEPAID: CAR000049676
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## AMERICAN FILTER RECOVERY SVCS (Continued)

**Mailing Address:** P O BOX 7349  
**Mailing City,St,Zip:** SANTA ROSA, CA 954070000  
**Gen County:** Not reported  
**TSD EPA ID:** CAD982444481  
**TSD County:** Not reported  
**Waste Category:** Household waste  
**Disposal Method:** Recycler  
**Tons:** 2293  
**Cat Decode:** Not reported  
**Method Decode:** Not reported  
**Facility County:** Sonoma  

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

### B5  
**HOLDEN COMPANY SANTA ROSA**  
**RCRA-SQG:** 1007117579  
**EPA ID:** CAR000149724  
**Address:** 1062 WEST AVE  
**City:** SANTA ROSA,  
**State:** CA 95407  
**ZIP:** 95407  
**Site 1 of 2 in cluster B**

**Relative:** Higher  
**Actual:** 133 ft.

**RCRA-SQG:**  
- **Date form received by agency:** 05/18/2007  
- **Facility name:** HOLDEN COMPANY SANTA ROSA  
- **Facility address:** 1062 WEST AVE  
  SANTA ROSA, CA 95407  
- **EPA ID:** CAR000149724  
- **Mailing address:** 1230 MONROE ST  
  SANTA ROSA, CA 95404  
- **Contact:** CHRIS M HOLDEN  
- **Contact address:** 1230 MONROE ST  
  SANTA ROSA, CA 95404  
- **Contact country:** US  
- **Contact telephone:** 650-315-7083  
- **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:** HOLDEN CO  
- **Owner/operator address:** Not reported  
  Not reported  
- **Owner/operator country:** US  
- **Owner/operator telephone:** Not reported  
- **Owner/operator email:** Not reported  
- **Owner/operator fax:** Not reported  
- **Owner/operator extension:** Not reported  
- **Legal status:** Private  
- **Owner/Operator Type:** Operator  
- **Owner/Op start date:** 06/01/2002  
- **Owner/Op end date:** Not reported
HOLDEN COMPANY SANTA ROSA  (Continued)  1007117579

| Owner/operator name: | CHRIS HOLDEN |
| Owner/operator address: | 1230 MONROE ST  SANTA ROSA, CA 95404 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 06/01/2002 |
| 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

- Waste code: D001  Waste name: IGNITABLE WASTE

- Waste code: F003  Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- Waste code: F005  Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 12/18/2003
HOLDEN COMPANY SANTA ROSA (Continued)

Site name: 1062 WEST AVE
Classification: Small Quantity Generator

- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

B6 DEE JAY SOSA & GLOSS INC. SWEEPS UST S101627134
NE 13 W 003RD ST CA FID UST N/A
1/8-1/4 SANTA ROSA, CA 95401
0.242 mi.
1278 ft. Site 2 of 2 in cluster B

Relative: Higher
Actual: 135 ft.

SWEEPS UST:
- Status: Active
- Comp Number: 23564
- Number: 9
- Board Of Equalization: 44-028207
- Referral Date: 07-01-85
- Action Date: Not reported
- Created Date: 02-29-88
- Owner Tank Id: #1
- SWRCB Tank Id: 49-060-023564-000001
- Tank Status: A
- Capacity: 500
- Active Date: 07-01-85
- Tank Use: M.V. FUEL
- STG: P
- Content: REG UNLEADED
- Number Of Tanks: 1

CA FID UST:
- Facility ID: 49003700
- Regulated By: UTNKA
- Regulated ID: 00023564
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 7075467344
- Mail To: Not reported
- Mailing Address: P O BOX
- Mailing Address 2: Not reported
- Mailing City,St,Zip: SANTA ROSA 95401
- Contact: Not reported
- Contact Phone: Not reported
- DUNS Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active
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<tr>
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<td>SANTA ROSA, CA 95401</td>
</tr>
<tr>
<td>South</td>
<td>North</td>
</tr>
<tr>
<td>1800 BURBANK AVENUE</td>
<td>841 MCMINN AVENUE</td>
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<tr>
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| 1/4-1/2 Santa Rosa, CA 95407 | 1/4-1/2 Santa Rosa, CA 95401 |
| Relative: Higher | Actual: |
| Region: 1 | 135 ft. |
| Facility ID: 1NSR233 | 125-142-039 |
| EPA ID Number | Database(s): |
| SLIC S101482558 | N/A |
| EDR ID Number | EPA ID Number |
| 500 | N/A |
### MCMINN AVENUE (Continued)

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**MAP FINDINGS**

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**MCMINN AVENUE (Continued)**

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| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Remedial Investigation Report |
| Completed Date:        | 11/01/1987 |
| Comments:              | Not reported |

| Completed Area Name:   | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Other Report |
| Completed Date:        | 06/02/1998 |
| Comments:              | Not reported |

| Completed Area Name:   | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Remedial Investigation Report |
| Completed Date:        | 06/19/1989 |
| Comments:              | Not reported |

| Completed Area Name:   | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Preliminary Assessment Report |
| Completed Date:        | 07/01/1987 |
| Comments:              | Not reported |

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**C9**

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TC5195822.2s  Page 25
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<th>Acres</th>
<th>NPL</th>
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<th>Status</th>
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<th>Lead Agency</th>
<th>Program Manager</th>
<th>Supervisor</th>
<th>Division Branch</th>
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<th>Funding</th>
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<td>1777</td>
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<td>School</td>
<td>12/24/2013</td>
<td>204253</td>
<td>School</td>
<td>School Investigation</td>
<td>1.8</td>
<td>NO</td>
<td>60001798</td>
<td>No Further Action</td>
<td>SMBRP</td>
<td>SMBRP</td>
<td>Mellon Songco</td>
<td>Jose Salcedo</td>
<td>Northern California Schools &amp; Santa Susana</td>
<td>NONE SPECIFIED</td>
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ROSELAND UNIVERSITY PREP CHARTER SCHOOL  (Continued)

APN: 125-431-023
Past Use: AGRICULTURAL - ORCHARD, DAY CARE FACILITY
Potential COC: Arsenic Chlordane DDD DDE DDT Lead Toxaphene
Confirmed COC: 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30013-NO No
Contaminants found 30023-NO
Potential Description: NMA, SOIL
Alias Name: 125-431-023
Alias Type: APN
Alias Name: 204253
Alias Type: Project Code (Site Code)
Alias Name: 60001798
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/19/2012
Comments: On October 16, 2012, DTSC issued a Phase I disapproval letter with a
PEA required determination. The PEA will investigate the site for
former agriculture activities (OCPs & arsenic), current structures
(lead and OCPs), and pole-mounted transformers (PCBs).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/20/2013
Comments: On May 20, 2013, DTSC approved the PEA workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/13/2013
Comments: On November 13, 2013, DTSC approved the PEA Report with a no further
action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/11/2012
Comments: On October 11, 2012, DTSC conducted a site visit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/24/2012
Comments: Fully executed EOA sent to the District on Dec 24, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2013
ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued) S105066096

Comments: On August 22, 2013, DTSC issued an Agreement Manager Change letter to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/20/2013
Comments: Not reported

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

SCH:

Facility ID: 60001798
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Mellan Songco
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204253
Assembly: 07
Senate: 02
Special Program Status: Not reported
Status: No Further Action
Status Date: 12/24/2013
Restricted Use: NO
Funding: School District
Latitude: 38.41926
Longitude: -122.7309
APN: 125-431-023
Past Use: AGRICULTURAL - ORCHARD, DAY CARE FACILITY
Potential COC: Arsenic, Arsenic, Chlordane, DDD, DDE, DDT, Lead, Toxaphene
Confirmed COC: 30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO, No Contaminants found, 30023-NO
Potential Description: NMA, SOIL
Alias Name: 125-431-023
Alias Type: APN
Alias Name: 204253
Alias Type: Project Code (Site Code)
Alias Name: 60001798
Alias Type: Envirostor ID Number
Completed Info:
On August 22, 2013, DTSC issued an Agreement Manager Change letter to

On October 11, 2012, DTSC conducted a site visit.

On November 13, 2013, DTSC approved the PEA Report with a no further

On October 16, 2012, DTSC issued a Phase I disapproval letter with a

On May 20, 2013, DTSC approved the PEA workplan for implementation.

Fully executed EOA sent to the District on Dec 24, 2012.

On August 22, 2013, DTSC issued an Agreement Manager Change letter to the District.

Comments:

Comments:

Comments:

Comments:

Comments:

Comments:

Comments:
ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

MAP FINDINGS

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<td>Schedule Revised Date</td>
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E13
NNW/ROSELAND AREA
1/4-1/2
SANTA ROSA, CA 95401
0.316 mi.
1668 ft.
Site 1 of 4 in cluster E

Relative: CA BOND EXP. PLAN
Higher: DETAILED SITE EXPENDITURE PLAN

Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City, St, Zip: Not reported
Project Revenue Source Desc: Currently there are no identified responsible parties. Therefore, Bond funds will be used to investigate and remediate the site. If during the investigation RPs are identified, DHS will pursue appropriate cost recovery activities. This site is currently not on the NPL, nor does it appear to be a likely candidate for NPL listing in the near future. Therefore, it is unlikely that federal funds will become available for this site.

Site Description: Ground water contamination in privately-owned wells has been discovered. The area where investigation activities have been focused is designated as the Local Study Area and is defined as the area within a 2000-foot radius of the intersection of McMinn Avenue and Sebastopol Road. More than 50 potential sources of contamination have been indentified, although responsible parties have not yet been identified.

Hazardous Waste Desc: Initial sampling and analysis of water from private wells, conducted by the Sonoma County Public Health Department and Regional Water Quality Control Board, indicated ground water contaminated by fuels and associated compounds and solvents. Seven of thirty eight private wells, which were sampled by DHS in the fall of 1986, were found to have concentrations of contaminants at or exceeding State drinking water action levels. Contaminants which were found to exceed State action levels include benzene, 1,2-dichloroethane (DCE), tetrachlorothene (TCE) and vinyl chloride. Fuels have been found floating in monitoring wells. 

Threat To Public Health & Env: The primary threat is from consumption of contaminated well water. Migration of ground water contaminants may result in the contamination of additional wells.

Site Activity Status: The preliminary site assessment and investigation (PSAI) has been completed and the final report was issued in July, 1987. Soil gas sampling was conducted in August, 1987. Implementation of the first Phase of the RI started June, 1988. The work to be completed in this Phase includes drilling, installation and sampling of ground water monitoring wells, drilling stratigraphic boreholes and aquifer testing. Data generated will be used to identify sources of contamination and potential RPs and to determine the direction of future work. The RWQCB has completed underground tank investigations at several locations in the study area.

TC5195822.2s Page 30
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<td>Regional Board Caseworker</td>
<td>REGIONAL WATER BOARD SITE CLOSED</td>
<td>NORTH COAST RWQCB (REGION 1)</td>
<td>5550 SKYLANE BOULEVARD, SUITE A</td>
<td>SANTA ROSA</td>
<td><a href="mailto:craig.hunt@waterboards.ca.gov">craig.hunt@waterboards.ca.gov</a></td>
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C & L MOTORS (Continued)

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Action Type: Other
Date: 08/03/2001
Action: Leak Discovery

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 06/11/2003
Action: * No Action

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 11/06/2003
Action: Notification - Public Notice of Case Closure

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 12/08/2003
Action: Closure/No Further Action Letter

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/26/2000
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 04/21/2000
Action: * Verbal Communication

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/25/2000
Action: File review

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/26/2000
Action: File review

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/27/2000
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 08/03/2001
Action: Site Visit / Inspection / Sampling

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 10/10/2000
Action: Referral to Local Agency

Global Id: T0609765962
Action Type: ENFORCEMENT

EDR ID Number: S105722586
C & L MOTORS (Continued)

Date: 10/25/2000
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 02/02/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 06/29/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/31/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 08/01/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 11/15/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 12/17/2001
Action: * Referral to Regional Board or Another State Agency

Global Id: T0609765962
Action Type: RESPONSE
Date: 12/19/2001
Action: Other Report / Document

LUST:

Global Id: T0609765962
Status: Open - Case Begin Date
Status Date: 04/21/2000

Global Id: T0609765962
Status: Open - Site Assessment
Status Date: 12/19/2001

Global Id: T0609765962
Status: Open - Site Assessment
Status Date: 06/03/2003

Global Id: T0609765962
Status: Open - Site Assessment
Status Date: 06/20/2003

Global Id: T0609765962
Status: Completed - Case Closed
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**SWEEPS UST:**
- Status: Active
- Comp Number: 23744
- Number: 9
- Board Of Equalization: Not reported
- Referral Date: 07-01-85
- Action Date: Not reported
- Created Date: 02-29-88
- Owner Tank Id: #1
- SWRCB Tank Id: 49-060-023744-000001
- Tank Status: A
- Capacity: 500
- Active Date: 07-01-85
- Tank Use: UNKNOWN
- STG: P
- Content: Not reported
- Number Of Tanks: 1

**HIST UST:**
- File Number: 00021BAA
- URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021BAA.pdf
- Region: Not reported
- Facility ID: Not reported
- Facility Type: Not reported
- Other Type: Not reported
- Contact Name: Not reported
- Telephone: Not reported
- Owner Name: Not reported
- Owner Address: Not reported
- Owner City,St,Zip: Not reported
- Total Tanks: Not reported
- Tank Num: Not reported
- Container Num: Not reported
- Year Installed: Not reported
- Tank Capacity: Not reported
- Tank Used for: Not reported
- Type of Fuel: Not reported
- Container Construction Thickness: Not reported
- Leak Detection: Not reported
ROSELAND PAINT CENTER (Continued)

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 49001475
Regulated By: UTNKA
Regulated ID: 00023744
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075427124
Mail To: Not reported
Mailing Address: 1160 SEBASTOPOL RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

G16 ROSELAND PAINT CENTER LUST U001609574
North 1160 SEBASTOPOL ROAD HIST UST N/A
1/4-1/2 SANTA ROSA, CA  95407 0.338 mi.
0.338 mi.
1786 ft. Site 2 of 6 in cluster G

Relative:
Higher
Actual: 136 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609793188
Global Id: T0609793188
Latitude: 38.4286120807394
Longitude: -122.733062873611
Status: Completed - Case Closed
Status Date: 09/27/2005
Case Worker: ZZZ
RB Case Number: 1TSO272
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Stoddard solvent / Mineral Sprits / Distillates
Site History: Not reported

LUST:
Global Id: T0609793188
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609793188
# ROSELAND PAINT CENTER (Continued)

**Action Type:** ENFORCEMENT  
**Date:** 08/05/2005  
**Action:** Notification - Public Notice of Case Closure

| Global Id: | T0609793188 |
| Action Type: | Other |
| Date: | 09/15/1986 |
| Action: | Leak Stopped |

| Global Id: | T0609793188 |
| Action Type: | Other |
| Date: | 11/22/1988 |
| Action: | Leak Discovery |

| Global Id: | T0609793188 |
| Action Type: | ENFORCEMENT |
| Date: | 09/27/2005 |
| Action: | Closure/No Further Action Letter |

**LUST:**

| Global Id: | T0609793188 |
| Status: | Open - Case Begin Date |
| Status Date: | 09/15/1986 |

| Global Id: | T0609793188 |
| Status: | Open - Site Assessment |
| Status Date: | 06/01/1989 |

| Global Id: | T0609793188 |
| Status: | Completed - Case Closed |
| Status Date: | 09/27/2005 |

**HIST UST:**

| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 000000023744 |
| Facility Type: | Other |
| Other Type: | PAINT STORE |
| Contact Name: | STEPHEN COSTA |
| Telephone: | 7075427124 |
| Owner Name: | MAY & MAE INC. |
| Owner Address: | 1160 SEBASTOPOL ROAD |
| Owner City,St,Zip: | SANTA ROSA, CA 95407 |
| Total Tanks: | 0001 |

| Tank Num: | 001 |
| Container Num: | #1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000500 |
ROSELAND PAINT CENTER (Continued)

Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

G17  TRIPLE S TIRES
North 1124 SEBASTOPOL ROAD
1/4-1/2 1787 ft. Site 3 of 6 in cluster G
0.338 mi. Site 3 of 6 in cluster G
SANTA ROSA, CA  95407

Relative: Higher
Actual: 136 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700364
Global Id: T0609700364
Latitude: 38.4286543
Longitude: -122.7325167
Status: Open - Remediation
Status Date: 03/13/2015
Case Worker: TNM
RB Case Number: 1TSO515
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Benzene, Toluene, Xylene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: Former service station. Petroleum hydrocarbons impacting soil and groundwater. Extent of off-site contamination needs to be defined, but is stalled pending access agreements with neighboring property owner. Located within the former McInn Superfund area.

LUST:
Global Id: T0609700364
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700364
Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/22/1993
Action: * Historical Enforcement

Global Id: T0609700364
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Action: Staff Letter

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Date: 07/20/2011
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 04/14/2011
Action: Meeting

Global Id: T0609700364
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/01/2011
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0609700364
Action Type: RESPONSE
Date: 06/01/2011
Action: Well Installation Report - Regulator Responded

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Other

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 02/12/2016
Action: Other Report / Document

Global Id: T0609700364
Action Type: RESPONSE
Date: 08/01/2008
Action: Soil and Water Investigation Workplan

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

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Action: Staff Letter

Action Type: ENFORCEMENT
Action: Interim Remedial Action Plan

Date: 03/13/2015
Action: Staff Letter

Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Date: 08/06/2013
Action: RESPONSE
Action: Monitoring Report - Quarterly

Date: 07/14/1992
Action: Leak Discovery

Action Type: OTHER
Action: Well Installation Report - Regulator Responded

Date: 03/13/2015
Action: Staff Letter

Action Type: RESPONSE
Action: Conceptual Site Model
TRIPLE S TIRES (Continued)

Global Id: T0609700364
Action Type: RESPONSE
Date: 06/08/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609700364
Action Type: RESPONSE
Date: 02/01/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700364
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Date: 10/09/2012
Action: Soil and Water Investigation Workplan

Global Id: T0609700364
Action Type: RESPONSE
Date: 05/01/2013
Action: Other Report / Document

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/01/2015
Action: Other Report / Document

Global Id: T0609700364
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Date: 03/15/2003
Action: Soil and Water Investigation Report

Global Id: T0609700364
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Action: Monitoring Report - Other

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- **Facility ID:** 1TSO515
- **Staff Initials:** WTE

### CORTESE:

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- **Site/Facility Type:** Not reported
- **Cleanup Status:** Not reported
- **Status Date:** Not reported
- **Site Code:** Not reported
- **Latitude:** Not reported
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- **Owner:** Not reported
- **Enf Type:** Not reported
- **Swat R:** Not reported
- **Flag:** CORTESE
- **Order No:** Not reported
- **Waste Discharge System No:** Not reported
- **Effective Date:** 05/01/1993
- **Region 2:** 1
- **WID Id:** 1B1SO515NUG
- **Solid Waste Id No:** Not reported
- **Waste Management Ulit Name:** Not reported
- **File Name:** Cease Desist Orders & Cleanup Abatement Orders
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- **Facility ID:** 49-000-001993
- **Permit:** Not reported
- **Type:** Hazardous Waste
- **HMBP:** Not reported
- **UST:** Not reported
- **HWG:** Not reported
- **calarp:** Not reported
- **AST:** Not reported
- **HW Treatment:** Not reported
- **Fee Schedule:** SQG > 325 gallons/year to
- **CERS ID:** 10102606
- **Expiration Date:** 04/29/2017

**ENF:**
- **Region:** 1
- **Facility Id:** 266495
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- **Place Subtype:** Service/Commercial Site, NEC
- **Facility Type:** All other facilities
- **Agency Type:** Not reported
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Program: Not reported
Program Category1: Not reported
Program Category2: TANKS
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Region: Not reported
Order #: Not reported
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Termination Date: Not reported
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WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 220624
Region: 1
Order / Resolution Number: LT930504
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 05/04/1993
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 05/04/1993
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO515NUG Triple S Tires
Description: GRANTING EXTENTION OF DUE DATE.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
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Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
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Region: 1
Order / Resolution Number: LT930510
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 05/10/1993
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 05/10/1993
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO515NUG Triple S Tires
Description: GRANTING EXTENSION ON DUE DATE.
Program: UST
Latest Milestone Completion Date: Not reported
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Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
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Project $ Completed: 0
Total $ Paid/Completed Amount: 0
Region: 1
Facility Id: 266495
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42852
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### TRIPLE S TIRES (Continued)

- **Project $ Amount:** 0
- **Liability $ Paid:** 0
- **Project $ Completed:** 0
- **Total $ Paid/Completed Amount:** 0

**Region:** 1

**Agency Name:** Not reported
**Place Type:** Service/Commercial
**Place Subtype:** Service/Commercial Site, NEC
**Facility Type:** All other facilities
**Agency Type:** Not reported
**# Of Agencies:** Not reported
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**Place Longitude:** -122.73259
**SIC Code 1:** Not reported
**SIC Desc 1:** Not reported
**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
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**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:** Not reported
**Program Category 1:** Not reported
**Program Category 2:** TANKS
**# Of Programs:** Not reported
**WDID:** Not reported
**Reg Measure Id:** Not reported
**Reg Measure Type:** Not reported
**Region:** Not reported
**Order #:** Not reported
**Npd# 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
**Status:** Not reported
**Status Date:** Not reported
**Effective Date:** Not reported
**Expiration/Review Date:** Not reported

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**Location:**
- **Place Longitude:** -122.73259
- **Place Latitude:** 38.42852

**Facility Information:**
- **Facility Id:** 266495
- **Facility Type:** Service/Commercial Site, NEC
- **Place Subtype:** Service/Commercial
- **Agency Name:** Not reported
- **Agency Type:** Not reported
- **Region:** 0
- **Total $ Paid/Completed Amount:** 0
- **Project $ Amount:** 0
- **Liability $ Paid:** 0
- **Project $ Completed:** 0
- **Location:**
  - **Place Longitude:** -122.73259
  - **Place Latitude:** 38.42852

**Additional Details:**
- **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:** Not reported
- **Program Category 1:** Not reported
- **Program Category 2:** TANKS
- **# Of Programs:** Not reported
- **WDID:** Not reported
- **Reg Measure Id:** Not reported
- **Reg Measure Type:** Not reported
- **Region:** Not reported
- **Order #:** Not reported
- **Npd# 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
- **Status:** Not reported
- **Status Date:** Not reported
- **Effective Date:** Not reported
- **Expiration/Review Date:** Not reported
TRIPLE S TIRES (Continued)

Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 219441
Region: 1
Order / Resolution Number: LT940607
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 06/07/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 06/07/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO515NUG Triple S Tires
Description: REQUESTING SUBMITTAL OF WORKPLAN. NOW LATE.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 266495
Agency Name: Triple S Tires
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Longitude: 38.42852
Place Latitude: -122.73259
SIC Code 1: Not reported
SIC Desc 1: Not reported
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NAICS Desc 3: Not reported
### TRIPLE S TIRES (Continued)

| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| 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: | UST |
| Program Category1: | TANKS |
| Program Category2: | TANKS |
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| WDID: | 1B1SO515NUG |
| Reg Measure Id: | 154880 |
| Reg Measure Type: | Unregulated |
| Region: | 1 |
| 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 |
| Status: | Active |
| Status Date: | 09/26/2011 |
| Effective Date: | 05/01/1993 |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| 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: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 220731 |
| Region: | 1 |
| Order / Resolution Number: | 93-044 |
| Enforcement Action Type: | Clean-up and Abatement Order |
| Effective Date: | 03/22/1993 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 1B1SO515NUG Triple S Tires |
| Description: | FINDING OF PETROLEUM CONTAMINATION. CAO ISSUED FOR TIMELY REMEDIATION DETAILING NEEDED FOR CLEANUP. |
| Program: | UST |
| Latest Milestone Completion Date: | Not reported |
### TRIPLE S TIRES (Continued)

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### HIST CORTESE:

- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** WBC&D
- **Reg Id:** 1B1ISO539NUG

#### Site History:

The site is a convenience store that sells gasoline. In December 1998, two 10,000-gallon, single-walled steel underground storage tanks (USTs) were replaced with larger double walled USTs in the same excavation. Soil and groundwater contaminated by gasoline was found during these activities. From 1998 to now, site assessment activities have included soil borings, installation of 14 monitoring wells at various depths, and regular groundwater monitoring. Cleanup work has included removing 500 yards of impacted material and 30,000 gallons of contaminated groundwater during 1998 and operation of an ozone sparge system for over 10 years at various depths on site. These activities appear to have had a positive impact on reducing the amount of fuel constituents in the upper layers of soil and groundwater at the site.
QUICK STOP MARKET #35 (Continued)  S101304942

Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/13/2011
Action:

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/28/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/18/2012
Action:

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/04/2012
Action: 13267 Monitoring Program - #R1-2012-0098

Global Id: T0609700721
Action Type: RESPONSE
Date: 12/15/2008
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/08/2009
Action: 13267 Monitoring Program

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/01/2004
Action: * No Action

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/16/2011
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/30/2010
QUICK STOP MARKET #35 (Continued)

Action: Monitoring Report - Semi-Annually
Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/30/2002
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 12/28/2005
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/18/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 02/02/2007
Action: Notice of Violation

Global Id: T0609700721
Action Type: Other
Date: 01/01/1992
Action: Leak Stopped

Global Id: T0609700721
Action Type: RESPONSE
Date: 09/30/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609700721
Action Type: RESPONSE
Date: 09/30/2013
Action: Conceptual Site Model

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly
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<td>Monitoring Report - Quarterly</td>
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| Date:                    | 10/15/2008                   |
| Action:                  | Monitoring Report - Quarterly |

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| Action:                  | File review                   |

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| Action Type:             | RESPONSE                      |
| Date:                    | 05/02/2007                   |
| Action:                  | NPDES / WDR Reports          |

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| Action Type:             | REMEDIATION                   |
| Date:                    | 11/30/1998                   |
| Action:                  | Excavation                    |

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| Action Type:             | ENFORCEMENT                   |
| Date:                    | 08/17/2001                   |
| Action:                  | Staff Letter                  |

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QUICK STOP MARKET #35 (Continued)

Date: 06/01/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/27/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 01/21/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 08/26/2005
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/07/2006
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/27/2006
Action: 13267 Monitoring Program - #R1-2006-0083

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/18/2006
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/05/2006
Action: Verbal Communication

Global Id: T0609700721
Action Type: RESPONSE
Date: 06/16/2011
Action: Well Installation Report - Regulator Responded

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 08/26/2009
Action: Waste Discharge Requirements

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Semi-Annually
QUICK STOP MARKET #35  (Continued)  S101304942

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/24/2007
Action: Waste Discharge Requirements

Global Id: T0609700721
Action Type: RESPONSE
Date: 09/13/2013
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/09/2008
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/30/2008
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/15/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/29/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/29/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/04/2012
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/04/2012
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
QUICK STOP MARKET #35 (Continued)

Date: 06/22/2006
Action: Other Report / Document
Global Id: T0609700721
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 02/17/2006
Action: Other Report / Document

Global Id: T0609700721
Action Type: Other
Date: 01/01/1992
Action: Leak Discovery

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/08/2010
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/17/2003
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 01/27/2012
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 12/11/2006
Action: Remedial Progress Report

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 11/08/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 11/12/2013
Action: 13267 Monitoring Program

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 11/12/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly
QUICK STOP MARKET #35 (Continued)

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 03/21/2011
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 11/07/2013
Action: Other Report / Document - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 08/30/2013
Action: Other Workplan - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/23/2013
Action: Other Workplan - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/03/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700721
Action Type: RESPONSE
Date: 04/01/2003
Action: Soil and Water Investigation Report

Global Id: T0609700721
Action Type: RESPONSE
Date: 11/18/2013
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700721
Action Type: RESPONSE
Date: 12/09/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609700721
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/21/2006
Action: Staff Letter

LUST:
Global Id: T0609700721

EDR ID Number
Database(s)
EPA ID Number
QUICK STOP MARKET #35 (Continued)  S101304942

Status: Open - Case Begin Date
Status Date: 01/01/1992

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 05/21/1993

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 02/07/1994

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 04/11/1994

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 11/21/1994

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 08/01/2002

Global Id: T0609700721
Status: Open - Remediation
Status Date: 12/11/2006

Global Id: T0609700721
Status: Open - Remediation
Status Date: 05/18/2007

Global Id: T0609700721
Status: Open - Verification Monitoring
Status Date: 09/21/2016

LUST REG 1:
Region: 1
Facility ID: 1TSR275
Staff Initials: WTE

ENF:
Region: 1
Facility Id: 251203
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.428551
Place Longitude: -122.732316
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
QUICK STOP MARKET #35 (Continued)  S101304942

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:  Env 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:  Not reported
Program Category1:  Not reported
Program Category2:  TANKS
# Of Programs:  Not reported
WDID:  Not reported
Reg Measure Id:  Not reported
Reg Measure Type:  Not reported
Region:  Not reported
Order #:  Not reported
Pormates# 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
Status:  Not reported
Status Date:  Not reported
Effective Date:  Not reported
Expiration/Review Date:  Not reported
Termination Date:  Not reported
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:  Not reported
Individual/General:  Not reported
Fee Code:  Not reported
Direction/Voice:  Not reported
Enforcement Id(EID):  222999
Region:  1
Order / Resolution Number:  LT941020
Enforcement Action Type:  Staff Enforcement Letter
Effective Date:  10/20/1994
Adoption/Issuance Date:  Not reported
Achieve Date:  Not reported
Termination Date:  10/20/1994
QUICK STOP MARKET #35 (Continued)  S101304942

ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description: REQUESTING SUBMITTAL OF CLARIFICATIONS IN A BRIEF ADDENDUM TO WORKPLAN.

Program: UST
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

Region: 1
Facility Id: 251203
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.428551
Place Longitude: -122.732316
SIC Code 1: Not reported
SIC Desc 1: Not reported
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
QUICK STOP MARKET #35 (Continued)

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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 222771
Region: 1
Order / Resolution Number: LT941121
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 11/21/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 11/21/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description: REQUESTING FIVE DAYS PRIOR NOTICE OF FIELD WORK.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 251203
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.428551
Place Longitude: -122.732316
QUICK STOP MARKET #35 (Continued)  S101304942

SIC Code 1: Not reported
SIC Desc 1: Not reported
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 223530
Region: 1
Order / Resolution Number: LT940411
Enforcement Action Type: Staff Enforcement Letter
QUICK STOP MARKET #35 (Continued)

Effective Date: 04/11/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 04/11/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description: REQUESTING FIVE DAYS PRIOR NOTICE OF ANY WORK COMMENCING ON SITE.
Program: UST
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
Region: 1
Facility Id: 251203
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.428551
Place Longitude: -122.732316
SIC Code 1: Not reported
SIC Desc 1: Not reported
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
QUICK STOP MARKET #35 (Continued)

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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 241751
Region: 1
Order / Resolution Number: Not reported
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 04/30/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 04/30/2002
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description: PETROLEUM CONTAMINATED GROUNDWATER INCLUDING WATER WELLS IN THE AREA.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 251203
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
### QUICK STOP MARKET #35 (Continued)

**Facility Type:** All other facilities  
**Agency Type:** Not reported  
**# Of Agencies:** Not reported  
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**Place Longitude:** -122.732316  
**SIC Code 1:** Not reported  
**SIC Desc 1:** Not reported  
**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  
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**Program:** Not reported  
**Program Category1:** Not reported  
**Program Category2:** TANKS  
**# Of Programs:** Not reported  
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**Region:** Not reported  
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**Major-Minor:** Not reported  
**Npdes Type:** Not reported  
**Reclamation:** Not reported  
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**Application Fee Amt Received:** Not reported  
**Status:** Not reported  
**Status Date:** Not reported  
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**Expiration/Review Date:** Not reported  
**Termination Date:** Not reported  
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**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:** Not reported  
**Individual/General:** Not reported  
**Fee Code:** Not reported
QUICK STOP MARKET #35 (Continued)

Direction/Voice: Not reported
Enforcement Id(EID): 223324
Region: 1
Order / Resolution Number: LT940627
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 06/27/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 06/27/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description: REQUESTING ACKNOWLEDGE OF INTENT TO RECOVER COST FOR CLEANUP OVERSIGHT.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 251203
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.428551
Place Longitude: -122.732316
SIC Code 1: Not reported
SIC Desc 1: Not reported
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
QUICK STOP MARKET #35 (Continued)

Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 223206
Region: 1
Order / Resolution Number: LT940728
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 07/28/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 07/28/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description: REQUESTING SUBMITTAL OF WORKPLAN.
Program: UST
Latest Milestone Completion Date: Not reported
Region: 1
QUICK STOP MARKET #35 (Continued)

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QUICK STOP MARKET #35 (Continued)

WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 220116
Region: 1
Order / Resolution Number: LT950830
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 08/30/1995
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 08/30/1995
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description: REQUESTING SUBMITTAL OF STATUS REPORT.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR275

SONOMA COUNTY INDIAN HEALTH PROJECT, INC
1440 STONY POINT ROAD
SANTA ROSA, CA 95407

Relative: Lower
Actual: 119 ft.

ENVIROSTOR: 49800002
Status: No Action Required
Status Date: 01/25/1999
Site Code: 201213
Site Type: Calmortgage
Site Type Detailed: Calmortgage
Acres: 0.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Sandra Karinen
Supervisor: William Beckman
Division Branch: Cleanup Sacramento
Assembly: 10
Senate: 02
SONOMA COUNTY INDIAN HEALTH PROJECT, INC. (Continued)

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: CalMortgage
Latitude: 38.42106
Longitude: -122.7405
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED
Confirmed COC: No Contaminants found
Potential Description: N/A
Alias Name: 201213
Alias Type: Project Code (Site Code)
Alias Name: 49800002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/25/1999
Comments: Pursuant to the MOU, DTSC has reviewed a Phase I Environmental Site Assessment Report for the Sonoma County Indian Health Project, Inc. (SCIHP). The subject property is currently a vacant, undeveloped lot. SCIHP is proposing to build a health clinic on the property. A Supplemental Phase I Environmental Assessment Report was prepared by DTSC and concluded that no action was needed for this property: there is no contamination on the property.

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

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Click here to access the California GeoTracker records for this facility:

The Regional Water Board opened this project to provide oversight to the County related to infrastructure improvements along Sebastopol Road between Burbank and Dutton. See Regional Water Board memo dated June 17, 2010 for more information.

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

G22 S.W. BROWN ENVIROSTOR S104163223
North ENVIROSTOR LUST N/A
1/4-1/2 SANTA ROSA, CA 95401 HIST CORTESE
1175 SEBASTOPOL ROAD
0.347 mi.
1833 ft.
Site 5 of 6 in cluster G
Relative: Higher
Actual: 136 ft.
ENVIROSTOR:
Facility ID: 49500003
Status: Refer: RWQCB
Status Date: 09/27/1993
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Sites: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.42956
Longitude: -122.7334
APN: 125-091-030
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED

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

F21 SONOMA COUNTY COMMUNITY DEVELOPMENT SLIC S109118042
NNW SEBASTOPOL ROAD
1/4-1/2 SANTA ROSA, CA 95407
0.347 mi.
1833 ft.
Site 2 of 4 in cluster F
Relative: Higher
Actual: 134 ft.
SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 07/02/2010
Global Id: T0609793233
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4285591678373
Longitude: -122.734054327011
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO403
File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Gasoline
Site History: The Regional Water Board opened this project to provide oversight to the County related to infrastructure improvements along Sebastopol Road between Burbank and Dutton. See Regional Water Board memo dated June 17, 2010 for more information.
This site is a former wholesale fuel delivery and bus maintenance shop, and currently maintains and stores commercial vehicles. There were several above ground storage tanks (ASTs) installed in the 1940s, which are no longer on-site. In 1950 six fuel underground storage tanks (USTs) were installed, and removed in 1985. Contamination was reported in 1988. In 2001, a kerosene UST was also removed. Cleanup activities have included removing 7,800 cubic yards of fuel impacted soil, pumping out 1.3 million gallons of impacted groundwater, and the short-term use of both dual-phase extraction (DPE), and high-vacuum DPE (HVDPE) systems to remove several hundred...
S.W. BROWN (Continued)
pounds of fuel constituents. There are currently six monitoring wells (irregularly monitored since 1990) and 5 extraction wells both on- and off-site. A HVDPE system is planned for the site, and short term pilot test using in 2015 removed about 239 pounds of contaminants.

LUST:
Global Id: T0609700202
Contact Type: Local Agency Caseworker
Contact Name: CITY OF SANTA ROSA FIRE DEPARTMENT
Organization Name: CITY OF SANTA ROSA FIRE DEPARTMENT
Address: 965 SONOMA AVENUE
City: SANTA ROSE
Email: Not reported
Phone Number: Not reported

Global Id: T0609700202
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSE
Email: Not reported
Phone Number: Not reported

Global Id: T0609700202
Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSE
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 05/04/2010
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 08/09/2002
Action: Staff Letter

Global Id: T0609700202
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 05/01/2009
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 02/19/2009
S.W. BROWN (Continued)

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Date: 12/18/2005
Action: Soil and Water Investigation Workplan

Date: 11/15/2005
Action: Electronic Reporting Submittal Due
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Action Type: RESPONSE
Date: 11/25/2012
Action: Staff Letter
Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 09/25/2012
Action: Staff Letter
Global Id: T0609700202
Action Type: RESPONSE
Date: 12/15/2006
Action: Other Report / Document
Global Id: T0609700202
Action Type: RESPONSE
Date: 11/15/2006
Action: Well Installation Report
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Date: 04/07/2014
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Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/06/2010
Action: Staff Letter
Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 12/12/2006
Action: Staff Letter
Global Id: T0609700202
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Date: 04/04/2016
Action: Other Workplan
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**Corrective Action Plan / Remedial Action Plan - Addendum**

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S.W. BROWN (Continued)

Date: 02/04/2005
Action: * Verbal Communication

Global Id: T0609700202
Action Type: RESPONSE
Date: 01/09/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 11/10/2010
Action: Site Assessment Report - Regulator Responded

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 07/20/2009
Action: File review

Global Id: T0609700202
Action Type: RESPONSE
Date: 10/13/2002
Action: Other Report / Document

Global Id: T0609700202
Action Type: RESPONSE
Date: 09/31/2013
Action: Pilot Study/ Treatability Report

Global Id: T0609700202
Action Type: RESPONSE
Date: 04/17/2014
Action: Conceptual Site Model

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 01/24/2011
Action: Staff Letter

Global Id: T0609700202
Action Type: RESPONSE
Date: 04/04/2016
Action: Other Report / Document

Global Id: T0609700202
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 10/01/2006
Action: Other Workplan

Global Id: T0609700202
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly
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MAP FINDINGS

S.W. BROWN (Continued)

Global Id: T0609700202
Status: Open - Remediation
Status Date: 11/15/2001

Global Id: T0609700202
Status: Open - Remediation
Status Date: 04/14/2005

Global Id: T0609700202
Status: Open - Site Assessment
Status Date: 03/21/2006

Global Id: T0609700202
Status: Open - Remediation
Status Date: 03/03/2010

Global Id: T0609700202
Status: Open - Remediation
Status Date: 04/10/2014

LUST REG 1:
Region: 1
Facility ID: 1TSO271
Staff Initials: WTE

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO271

E23
WITHERS CAR WASH
1450 SEBASTOPOL
SANTA ROSA, CA 95404

1837 ft.
Site 2 of 4 in cluster E

Relative: Higher
Actual: 133 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700063
Global Id: T0609700063
Latitude: 38.42761
Longitude: -122.73589
Status: Completed - Case Closed
Status Date: 09/19/1989
Case Worker: ZZZ
RB Case Number: 1TSO090
Local Agency: SONOMA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
### WITHERS CAR WASH (Continued)

**Global Id:** T0609700063  
**Contact Type:** Local Agency Caseworker  
**Contact Name:** ENVIROHNLTH STAFF (NON LOP-RB1)  
**Organization Name:** SONOMA COUNTY  
**Address:** 625 5th Street  
**City:** SANTA ROSA  
**Email:** Not reported  
**Phone Number:** Not reported

---

**Global Id:** T0609700063  
**Contact Type:** Regional Board Caseworker  
**Contact Name:** REGIONAL WATER BOARD SITE CLOSED  
**Organization Name:** NORTH COAST RWQCB (REGION 1)  
**Address:** 5550 SKYLANE BOULEVARD, SUITE A  
**City:** SANTA ROSA  
**Email:** craig.hunt@waterboards.ca.gov  
**Phone Number:** 7075762220

---

**LUST:**  
**Global Id:** T0609700063  
**Action Type:** ENFORCEMENT  
**Date:** 05/18/1989  
**Action:** * Historical Enforcement

**Global Id:** T0609700063  
**Action Type:** Other  
**Date:** 09/02/1987  
**Action:** Leak Stopped

**Global Id:** T0609700063  
**Action Type:** Other  
**Date:** 09/02/1987  
**Action:** Leak Reported

**Global Id:** T0609700063  
**Action Type:** Other  
**Date:** 09/02/1987  
**Action:** Leak Discovery

---

**LUST:**  
**Global Id:** T0609700063  
**Status:** Open - Case Begin Date  
**Status Date:** 09/02/1987  

**Global Id:** T0609700063  
**Status:** Open - Site Assessment  
**Status Date:** 09/02/1987  

**Global Id:** T0609700063  
**Status:** Open - Site Assessment  
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**Global Id:** T0609700063  
**Status:** Open - Site Assessment  
**Status Date:** 12/04/1988
### WITHERS CAR WASH (Continued)

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<td>Completed - Case Closed</td>
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<td>Status Date:</td>
<td>09/19/1989</td>
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### LUST REG 1:
- Region: 1
- Facility ID: 1TSO090
- Staff Initials: Closed

### HIST CORTESE:
- Region: CORTESE
- Facility County Code: 49
- Reg By: LTNKA
- Reg Id: 1TSO090

---

### GARDENER’S AID
- North: SANTA ROSA, CA 95407
- Site 2 of 3 in cluster H
- Relative: Higher
- Actual: 137 ft.

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<td>Cleanup Program Site</td>
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<td>Case Worker:</td>
<td>ZZZ</td>
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<td>Local Agency:</td>
<td>SANTA ROSA, CITY OF</td>
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<td>RB Case Number:</td>
<td>1NSR291</td>
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<td>Soil</td>
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<td>Gasoline</td>
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Click here to access the California GeoTracker records for this facility:
### GARDENER'S AID (Continued)

Facility ID: 1NSR291  
Staff Initials: Facility Closed

---

#### F25

**SLAKEY BROTHERS**  
1289 SEBASTOPOL RD  
SANTA ROSA, CA  
0.351 mi.  
1851 ft.  
Relative: Site 3 of 4 in cluster F  
Actual: Higher  
**Actual:** 134 ft.

**Region:** SONOMA  
**Regional Board:** TSO030  
**Closed or Referred:** Referred  
**Confirm Date:** 06/01/1992  
**LOP Number:** 00001932  
**Staff:** Not reported  
**Decode of Staff:** Not reported  
**Global ID:** T0609700022

---

#### F26

**SLAKEY BROTHERS**  
1289 SEBASTOPOL ROAD  
SANTA ROSA, CA 95407  
0.351 mi.  
1851 ft.  
Relative: Site 4 of 4 in cluster F  
Actual: Higher  
**Actual:** 134 ft.

**LUST:**  
**Case Type:** LUST Cleanup Site  
**Global Id:** T0609700022  
**Latitude:** 38.429220433  
**Longitude:** -122.7341628  
**Status:** Completed - Case Closed  
**Status Date:** 03/21/2014  
**Case Worker:** ZZZ  
**RB Case Number:** TSO030  
**Local Agency:** SONOMA COUNTY LOP  
**File Location:** Regional Board  
**Local Case Number:** 00001932  
**Potential Media Affect:** Aquifer used for drinking water supply  
**Potential Contaminants of Concern:** Gasoline  
**Site History:** Former UST location identified as a source of contamination. Groundwater impacted with petroleum hydrocarbons. Plume is stable and localized.

**LUST:**  
**Global Id:** T0609700022  
**Contact Type:** Regional Board Caseworker  
**Contact Name:** REGIONAL WATER BOARD SITE CLOSED  
**Organization Name:** NORTH COAST RWQCB (REGION 1)  
**Address:** 5550 SKYLANE BOULEVARD, SUITE A  
**City:** SANTA ROSA  
**Email:** craig.hunt@waterboards.ca.gov  
**Phone Number:** 7075762220

---

**LUST:**
SLAKEY BROTHERS (Continued)  S104164497

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 11/05/2013
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 09/24/2012
Action: Notification - Proposition 65

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 07/08/2009
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 03/22/2005
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 10/26/2005
Action: Meeting

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 11/02/2005
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 07/05/2006
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 09/24/2012
Action: Notification - Proposition 65

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
SLAKEY BROTHERS (Continued)

Date: 08/15/2006
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609700022
Action Type: Other
Date: 08/13/1986
Action: Leak Stopped

Global Id: T0609700022
Action Type: RESPONSE
Date: 03/01/2013
Action: Soil and Water Investigation Report

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 12/04/2008
Action: Staff Letter

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/07/2014
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700022
Action Type: RESPONSE
Date: 06/05/2006
Action: Other Report / Document

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 05/25/2012
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 01/23/2014
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 01/09/2008
Action: Verbal Communication

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 04/02/2008
Action: Verbal Communication
SLAKEY BROTHERS (Continued)

Global Id: T06097000022
Action Type: ENFORCEMENT
Date: 05/30/2007
Action: Staff Letter

Global Id: T06097000022
Action Type: RESPONSE
Date: 07/09/2012
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T06097000022
Action Type: RESPONSE
Date: 09/10/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T06097000022
Action Type: Other
Date: 08/13/1986
Action: Leak Reported

Global Id: T06097000022
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T06097000022
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Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T06097000022
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T06097000022
Action Type: ENFORCEMENT
Date: 06/08/2012
Action: Verbal Enforcement

Global Id: T06097000022
Action Type: ENFORCEMENT
Date: 08/18/2001
Action: * No Action

Global Id: T06097000022
Action Type: ENFORCEMENT
Date: 11/05/2013
Action: Notification - Preclosure

Global Id: T06097000022
Action Type: ENFORCEMENT
Date: 08/22/2006
Action: Staff Letter

Global Id: T06097000022
Action Type: RESPONSE

SLAKEY BROTHERS (Continued)
SLEKEY BROTHERS (Continued)

Date: 01/15/2008  
Action: Monitoring Report - Quarterly  
Global Id: T0609700022  
Action Type: RESPONSE  
Date: 12/07/2007  
Action: Remedial Progress Report  

Global Id: T0609700022  
Action Type: RESPONSE  
Date: 02/02/2006  
Action: Corrective Action Plan / Remedial Action Plan  

Global Id: T0609700022  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Monitoring Report - Quarterly  

Global Id: T0609700022  
Action Type: RESPONSE  
Date: 08/21/2012  
Action: Soil and Water Investigation Report  

Global Id: T0609700022  
Action Type: RESPONSE  
Date: 08/21/2012  
Action: Sensitive Receptor Survey Report  

Global Id: T0609700022  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly  

Global Id: T0609700022  
Action Type: ENFORCEMENT  
Date: 03/21/2014  
Action: Closure/No Further Action Letter  

Global Id: T0609700022  
Action Type: ENFORCEMENT  
Date: 09/23/2013  
Action: Verbal Enforcement  

Global Id: T0609700022  
Action Type: RESPONSE  
Date: 01/06/2014  
Action: Other Report / Document  

Global Id: T0609700022  
Action Type: ENFORCEMENT  
Date: 10/09/2012  
Action: Staff Letter  

Global Id: T0609700022  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly
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TC5195822.2s  Page 97
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Action Type: ENFORCEMENT
Date: 03/02/2010
Action: Staff Letter

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Action Type: RESPONSE
Date: 09/24/2013
Action: Request for Closure - Regulator Responded

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Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 02/16/2008
Action: Remedial Progress Report

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 09/02/1988
Action: * Historical Enforcement

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 01/24/2011
Action: Staff Letter

Global Id: T0609700022
Action Type: REMEDIATION
Date: 07/30/1986
Action: Excavation

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/06/2014
Action: Other Report / Document

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Status: Open - Case Begin Date
Status Date: 08/13/1986

Global Id: T0609700022
Status: Open - Site Assessment
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**LUST REG 1:**
- Region: 1
- Facility ID: TSO030
- Staff Initials: WTE

**AST:**
- Certified Unified Program Agencies: Not reported
- Owner: Mr. Shad Skikos
- Total Gallons: Not reported
- CERSID: 10102354
- Facility ID: 49-000-001784
- Business Name: S. S. Skikos Trucking & Distribution
- Phone: 7075753000
- Fax: Not reported
- Mailing Address: Not reported
- Mailing Address City: Not reported
- Mailing Address State: Not reported
- Mailing Address Zip Code: Not reported
- Operator Name: S. S. Skikos Trucking & Distribution
- Operator Phone: 7075753000
- Owner Phone: 7075753000
SLAKEY BROTHERS (Continued)

Owner Mail Address: Not reported
Owner State: CA
Owner Zip Code: 95407
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner State: Not reported
Property Owner Zip Code: Not reported
EPA ID: Not reported

CUPA SONOMA:
Facility ID: 49-000-001784
Permit: Not reported
Type: HMGP
HMGP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 5
CERS ID: 10102354
Expiration Date: 06/20/2020

Facility ID: 49-000-001784
Permit: Not reported
Type: Hazardous Waste
Type: HMGP
HMGP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Not reported
CERS ID: 10102354
Expiration Date: 07/06/2012

Facility ID: 49-000-001784
Permit: Not reported
Type: APSA
HMGP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Tier 3 Facility (> 1320 gallons, > 10000 gallons)
CERS ID: 10102354
Expiration Date: 06/20/2020

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
SLAKEY BROTHERS (Continued)

Reg By: LTNKA
Reg Id: 1TSO030

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

G27 MCMINN AVENUE AREA SLIC S118172381
North SEBASTOPOL ROAD / ROSELAND AREA N/A
1/4-1/2 SANTA ROSA, CA 95401
0.354 mi. 1870 ft. Site 6 of 6 in cluster G
137 ft. Relative Higher

Region: STATE
Facility Status: Open - Inactive
Status Date: 05/19/2011
Global Id: T0609793565
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4289444076905
Longitude: -122.732406109572
Case Type: Cleanup Program Site
Case Worker: BBB
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR219
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Indoor Air, Soil, Soil Vapor, Surface water, Well used for drinking water supply
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Benzene, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Toluene, Trichloroethylene (TCE), Xylene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: The McMinn Area is located in southwest Santa Rosa, primarily along Sebastopol Road between Stony Point Road and Dutton Avenue. This McMinn Avenue area entry in Geotracker is not an actual Cleanup Program site, but rather a tool used historically as part of evaluating groundwater contamination in the area. Several sites are located within this area and are addressed as seperate case numbers. Oversight of groundwater contamination in this area is now through the individual site cases. However, this Geotracker entry includes some historic documents under the site documents tab.

Click here to access the California GeoTracker records for this facility:
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
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<td>NNW</td>
<td>0.359 mi.</td>
<td>1895 ft.</td>
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**E28 Wescott's Bob Auto & Truck PRT**

**1569 Sebastopol Road**

**SANTA ROSA, CA 95407**

**Site 3 of 4 in cluster E**

**Relative:**
- Higher

**Actual:** 132 ft.

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<td>1895 ft.</td>
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**E29 Wescotts Auto & Truck**

**1569 Sebastopol RD**

**SANTA ROSA, CA 95407**

**Site 4 of 4 in cluster E**

**Relative:**
- Higher

**Actual:** 132 ft.
### WESCOTTS AUTO & TRUCK (Continued)

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#### SLIC:

| Region: | STATE |
| Facility Status: | Completed - Case Closed |
| Status Date: | 06/13/2017 |
| Global Id: | T10000008931 |
| Lead Agency: | NORTH COAST RWQCB (REGION 1) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 38.42922 |
| Longitude: | -122.73684 |
| Case Type: | Cleanup Program Site |
| Case Worker: | ZZZ |
| Local Agency: | Not reported |
| RB Case Number: | 1NSO944 |
| File Location: | Not reported |
| Potential Media Affected: | Not reported |
| Potential Contaminants of Concern: | Lead, MTBE / TBA / Other Fuel Oxygenates, Waste Oil / Motor / Hydraulic / Lubricating |
| Site History: | Not reported |

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

| Region: | STATE |
| Facility Status: | Completed - Case Closed |
| Status Date: | 02/26/2009 |
| Global Id: | T0609793338 |
| Lead Agency: | NORTH COAST RWQCB (REGION 1) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 38.428281848401 |
| Longitude: | -122.736907542328 |
| Case Type: | Cleanup Program Site |
| Case Worker: | ZZZ |
| Local Agency: | SANTA ROSA, CITY OF |
| RB Case Number: | 1NSR285 |
| File Location: | Regional Board |
| Potential Media Affected: | Under Investigation |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

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

### CUPA SONOMA:

| Facility ID: | 49-000-000567 |
| Permit: | Not reported |
| Type: | Hazardous Waste |
WESCOTTS AUTO & TRUCK (Continued)

| HMBP: | Not reported |
| UST: | Not reported |
| HWG: | Not reported |
| calarp: | Not reported |
| AST: | Not reported |
| HW Treatment: | Not reported |

Fee Schedule: Waste Oil Only > 5 tons/year
CERS ID: 10101541
Expiration Date: 04/18/2015

Facility ID: 49-000-000567
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 2
CERS ID: 10101541
Expiration Date: 04/18/2015

NPDES:
Npdes Number: CAS000001
Agency Id: 0
Region: 1
Regulatory Measure Id: 178788
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 1 491000306
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/06/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 12/22/2015
Discharge Name: Bob Wescotts
Discharge Address: 1569 Sebastopol Rd
Discharge City: Santa Rosa
Discharge State: California
Discharge Zip: 95407
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported
OPERATOR CITY: Not reported

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WESCOTTS AUTO & TRUCK (Continued)  S101482592

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OPERATOR CONTACT NAME: Not reported
OPERATOR CONTACT TITLE: Not reported
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<tr>
<td>DIR DISCHARGE USWATER IND</td>
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<tr>
<td>RECEIVING WATER NAME</td>
<td>Laguna De Santa Rosa</td>
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<tr>
<td>CERTIFIER NAME</td>
<td>Not reported</td>
</tr>
<tr>
<td>CERTIFIER TITLE</td>
<td>Not reported</td>
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WESCOTTS AUTO & TRUCK (Continued)  S101482592

CERTIFICATION DATE: Not reported
PRIMARY SIC: 5015-Motor Vehicle Parts, Used
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

WDS:
Facility ID: 1 49I000306
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS0000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 1
Facility Telephone: Not reported
Facility Contact: BOB WESCOTT
Agency Name: WESCOTTS BOB
Agency Address: 3664 FIR RIDGE DR
Agency City,St,Zip: SANTA ROSA 95403
Agency Contact: BOB WESCOTT
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 3714
SIC Code 2: Not reported
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste: STORMS
Waste Type2: Not reported
Waste2: Stormwater Runoff
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
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.
<table>
<thead>
<tr>
<th>Site</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
<th>Database(s)</th>
<th>Site Elevation</th>
<th>Relative</th>
<th>Actual</th>
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<tr>
<td>I30</td>
<td>ITT CONTINENTAL BAKING CO</td>
<td>LUST</td>
<td>S104163216</td>
<td>1810 SEBASTOPOL RD</td>
<td>SANTA ROSA, CA</td>
<td>1903 ft.</td>
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<td>0.360 mi.</td>
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<td>127 ft.</td>
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<tr>
<td>J31</td>
<td>LAIDLAW TRANSPORTATION</td>
<td>LUST</td>
<td>S101304991</td>
<td>SEBASTOPOL ROAD 959</td>
<td>SANTA ROSA, CA</td>
<td>1946 ft.</td>
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<tr>
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<td>0.369 mi.</td>
<td>Higher</td>
<td>139 ft.</td>
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<tr>
<td>H32</td>
<td>COTTAGE BAR</td>
<td>SLIC</td>
<td>S105051068</td>
<td>1099 SEBASTOPOL ROAD</td>
<td>SANTA ROSA, CA 95407</td>
<td>1949 ft.</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td>0.369 mi.</td>
<td>Higher</td>
<td>137 ft.</td>
</tr>
</tbody>
</table>

Click here to access the California GeoTracker records for this facility:
### Site 2 of 8 in cluster J

**SEMS Archive:**
- **Site ID:** 904748
- **EPA ID:** CAD983654385
- **Site Name:** OPTICAL CODING LABORATORIES, INC.
- **NPL:** N
- **FF:** N
- **OU:** 0
- **Action Code:** VS
- **Action Name:** ARCH SITE
- **SEQ:** 1
- **Start Date:** Not reported
- **Finish Date:** 1994-09-28 00:00:00
- **Qual:** Not reported
- **Current Action Lead:** EPA Perf In-Hse

**SEMS Archive Detail:**
- **Region:** 9
- **Site ID:** 904748
- **EPA ID:** CAD983654385
- **Site Name:** OPTICAL CODING LABORATORIES, INC.
- **NPL:** N
- **FF:** N
- **OU:** 0
- **Action Code:** SI
- **Action Name:** SI
- **SEQ:** 1
- **Start Date:** Not reported
- **Finish Date:** 1994-09-28 00:00:00
- **Qual:** N
- **Current Action Lead:** EPA Perf

- **Region:** 9
- **Site ID:** 904748
- **EPA ID:** CAD983654385
- **Site Name:** OPTICAL CODING LABORATORIES, INC.
- **NPL:** N
- **FF:** N
- **OU:** 0
- **Action Code:** PA
- **Action Name:** PA
- **SEQ:** 1
- **Start Date:** Not reported
- **Finish Date:** 1994-09-28 00:00:00
- **Qual:** N
- **Current Action Lead:** EPA Perf

---

**Non NPL Status:**
- **NFRAP-Site does not qualify for the NPL based on existing information**

**Address:**
- **NNE 1/4-1/2 SANTA ROSA, CA 95407**

**TC5195822.2s Page 110**
OPTICAL CODING LABORATORIES, INC. (Continued)

Region: 9
Site ID: 904748
EPA ID: CAD983654385
Site Name: OPTICAL CODING LABORATORIES, INC.
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-12-11 00:00:00
Finish Date: 1992-12-11 00:00:00
Qual: Not reported
Current Action Lead: St Perf

J34 BEACON #489 (ULTRAMAR)
NNE SEBASTOPOL ROAD 921
SANTA ROSA, CA
1/4-1/2 0.380 mi. 2005 ft. Site 3 of 8 in cluster J
Relative: LUST REG 1:
Higher Region: 1
Facility ID: 1TSO269
Actual: WTE
140 ft.

I35 CONTINENTAL BAKING COMPANY
NW 1840 SEBASTOPOL ROAD
SANTA ROSA, CA 95407
1/4-1/2 0.381 mi. 2011 ft. Site 2 of 6 in cluster I
Relative: LUST:
Higher Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700659
Global Id: T0609700659
Latitude: 38.4269769160977
Longitude: -122.739660897345
Status: Completed - Case Closed
Status Date: 05/22/1995
Case Worker: ZZZ
RB Case Number: 1TSR168
Local Agency: SONOMA COUNTY LOP
File Location: Not reported
Local Case Number: 00001217
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0609700659
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
CONTINENTAL BAKING COMPANY  (Continued)  S103637597

<table>
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<th>City:</th>
<th>SANTA ROSA</th>
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<tbody>
<tr>
<td>Email:</td>
<td><a href="mailto:craig.hunt@waterboards.ca.gov">craig.hunt@waterboards.ca.gov</a></td>
</tr>
<tr>
<td>Phone Number:</td>
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**LUST:**

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**HIST CORTESE:**

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<td>LTNKA</td>
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ROSELAND SCHOOL WELLS (Continued)

OU: 0
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1993-03-10 00:00:00
Finish Date: 1993-03-10 00:00:00
Qual: V
Current Action Lead: EPA Perf

Region: 9
Site ID: 904756
EPA ID: CAD983649625
Site Name: ROSELAND SCHOOL WELLS
NPL: N
FF: N
OU: 0
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 1993-01-15 00:00:00
Finish Date: 1993-01-18 00:00:00
Qual: S
Current Action Lead: EPA Perf

J39
LAIDLAW TRANSPORTATION
959 SEBASTOPOL ROAD
SANTA ROSA, CA 95407
1/4-1/2
0.392 mi.
2071 ft.
Site 5 of 8 in cluster J

Relative: Higher
Actual: 139 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700119
Global Id: T0609700119
Latitude: 38.4302288318534
Longitude: -122.730726725795
Status: Completed - Case Closed
Status Date: 12/20/1995
Case Worker: ZZZ
RB Case Number: 1TSO151
Local Agency: SONOMA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0609700119
Contact Type: Local Agency Caseworker
Contact Name: ENVIROM HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported
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<td>Closure/No Further Action Letter</td>
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LAIDLAW TRANSPORTATION (Continued)
LAIDLAW TRANSPORTATION (Continued)

Status: Completed - Case Closed
Status Date: 12/20/1995

SWEEPS UST:
Status: Not reported
Comp Number: 1459
Number: Not reported
Board Of Equalization: 44-010187
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001459-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 2

Status: Not reported
Comp Number: 1459
Number: Not reported
Board Of Equalization: 44-010187
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001459-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 1459
Number: 1
Board Of Equalization: 44-010187
Referral Date: 09-15-93
Action Date: 04-27-94
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001459-000003
Tank Status: A
Capacity: 550
Active Date: 10-03-89
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 2

Status: Active
LAIDLAW TRANSPORTATION  (Continued)  1000189940

Comp Number: 1459
Number: 1
Board Of Equalization: 44-010187
Referral Date: 09-15-93
Action Date: 04-27-94
Created Date: 03-31-89
Owner Tank Id: TKHQ44010187
SWRCB Tank Id: 49-000-001459-000011
Tank Status: A
Capacity: 12000
Active Date: 09-15-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO151

L40 KINGSHIELD 1055 DUTTON AVENUE, NORTH 101316058
ENE 1/4-1/2 SANTA ROSA, CA 95401
0.396 mi.  SANTA ROSA, CITY OF
2089 ft. Site 1 of 2 in cluster L

Relative: Higher
Actual: 133 ft.

SLIC: STATE
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 07/09/1996
Global Id: T0609793269
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.44665358605
Longitude: -122.730535268784
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR215
File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

SLIC REG 1:
Region: 1
Facility ID: 1NSR215
Staff Initials: Facility Closed
**MAP FINDINGS**

<table>
<thead>
<tr>
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<th>Elevation</th>
<th>Site</th>
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<th>EDR ID Number</th>
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<td>NNE</td>
<td>1/4-1/2</td>
<td>0.398 mi.</td>
<td>SANTA ROSA</td>
<td>COAST AUTO WRECKING</td>
<td>949 SEBASTOPOL RD</td>
<td>95401</td>
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<td>2099 ft.</td>
<td>Site 6 of 8 in cluster J</td>
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**Relative:**
- Higher

**Actual:**
- 140 ft.

**ENVIROSTOR:**
- Facility ID: 49500001
- Status: Refer: RWQCB
- Status Date: 10/08/1993
- Site Code: Not reported
- Site Type: Historical
- Site Type Detailed: * Historical
- Acres: Not reported
- NPL: NO
- Regulatory Agencies: NONE SPECIFIED
- Lead Agency: NONE SPECIFIED
- Program Manager: Not reported
- Supervisor: Referred - Not Assigned
- Division Branch: Cleanup Berkeley
- Assembly: 10
- Senate: 02
- Special Program: * Rural County Survey Program
- Restricted Use: NO
- Site Mgmt Req: NONE SPECIFIED
- Funding: Not reported
- Latitude: 38.43032
- Longitude: -122.7307
- APN: 125-101-049
- Past Use: NONE SPECIFIED
- Potential COC: NONE SPECIFIED
- Confirmed COC: NONE SPECIFIED
- Potential Description: NONE SPECIFIED
- Alias Name: 125-101-049
- Alias Type: APN
- Alias Name: 49500001
- Alias Type: Envirostor ID Number

**Completed Info:**
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: * Discovery
- Completed Date: 02/18/1988
- Comments: FACILITY IDENTIFIED POLK DIR 1958

**Future Info:**
- 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

**Address:**
- 1/4-1/2 SANTA ROSA, CA 95401
- Relative: Higher
- Actual: 140 ft.
- Relative: Higher

** Comments:**
- 04/21/1988 Completed Date: Site Screening
- 02 Senate: 10 Assembly: Cleanup Berkeley
- 02 Senate: 10 Assembly: Cleanup Berkeley
- 02 Senate: 10 Assembly: Cleanup Berkeley
- 02 Senate: 10 Assembly: Cleanup Berkeley
- 02 Senate: 10 Assembly: Cleanup Berkeley
- 02 Senate: 10 Assembly: Cleanup Berkeley
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- 02 Senate: 10 Assembly: Cleanup Berkeley
- 02 Senate: 10 Assembly: Cleanup Berkeley
- 02 Senate: 10 Assembly: Cleanup Berk
I42  ACME AUTO WRECKERS INC.  SLIC  S105050900
NW  1885 SEBASTOPOL ROAD
1/4-1/2  SANTA ROSA, CA  95407
0.402 mi.  N/A
2120 ft.  I42 SLIC REG 1:
Site 4 of 6 in cluster I
Relative: Region: 1
Higher Facility ID: 1NSR126
Actual: Staff Initials: SKB
128 ft.

I43  ACME AUTO WRECKERS  SEMS-ARCHIVE  1000707596
NW  1885 SEBASTOPOL ROAD
1/4-1/2  SANTA ROSA, CA  95407
0.402 mi.  CAD983644998
2120 ft.  I43 SEMS-ARCHIVE:
Site 5 of 6 in cluster I
Relative: Site ID: 904535
Higher EPA ID: CAD983644998
Actual: Cong District: 1
128 ft. FIPS Code: 6097
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
SEMS Archive Detail:
Region: 9
Site ID: 904535
EPA ID: CAD983644998
Site Name: ACME AUTO WRECKERS
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1994-07-28 00:00:00
Finish Date: 1994-07-28 00:00:00
Qual: H
Current Action Lead: EPA Perf
Region: 9
Site ID: 904535
EPA ID: CAD983644998
Site Name: ACME AUTO WRECKERS
NPL: N
FF: N
OU: 0
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2013-07-01 00:00:00
Finish Date: 2014-04-14 00:00:00
Qual: N
Current Action Lead: EPA Perf
Region: 9
Site ID: 904535
EPA ID: CAD983644998

TC5195822.2s  Page 119
### ACME AUTO WRECKERS (Continued)

| Site Name: | ACME AUTO WRECKERS |
| NPL: | N |
| FF: | N |
| OU: | 0 |
| Action Code: | DISCVRY |
| SEQ: | 1 |
| Start Date: | 1992-06-22 00:00:00 |
| Finish Date: | 1992-06-22 00:00:00 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

**Region:** 9  
**Site ID:** 904535  
**EPA ID:** CAD983644998  
**Site Name:** ACME AUTO WRECKERS  
**NPL:** N  
**FF:** N  
**OU:** 0  
**Action Code:** SI  
**SEQ:** 1  
**Start Date:** 1994-09-15 00:00:00  
**Finish Date:** 1995-09-27 00:00:00  
**Qual:** H  
**Current Action Lead:** St Perf

---

**I44**  
**ACME AUTO WRECKERS, INC**  
**1885 SEBASTOPOL RD**  
**SANTA ROSA, CA 95401**  
**0.402 mi.**  
**2120 ft.**  
**Site 6 of 6 in cluster I**

**Relative:** Higher  
**Actual:** 128 ft.

**ENVIROSTOR:**  
**Facility ID:** 49500002  
**Status:** Refer: RWQCB  
**Status Date:** 09/27/1993  
**Site Code:** Not reported  
**Site Type:** Historical  
**Site Type Detailed:** * Historical  
**Acres:** Not reported  
**NPL:** NO  
**Regulatory Agencies:** NONE SPECIFIED  
**Lead Agency:** NONE SPECIFIED  
**Program Manager:** Not reported  
**Supervisor:** Referred - Not Assigned  
**Division Branch:** Cleanup Berkeley  
**Assembly:** 10  
**Senate:** 02  
**Special Program:** * Rural County Survey Program  
**Restricted Use:** NO  
**Site Mgmt Req:** NONE SPECIFIED  
**Funding:** Not reported  
**Latitude:** 38.42754  
**Longitude:** -122.7398  
**APN:** 125-071-015
ACME AUTO WRECKERS, INC (Continued)  S100183332

Past Use: N A N E SPECIFIED
Potential COC: N A N E SPECIFIED
Confirmed COC: N A N E SPECIFIED
Potential Description: N A N E SPECIFIED
Alias Name: 125-071-015
Alias Type: APN
Alias Name: 49500002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/09/1988
Comments: FACILITY IDENTIFIED IND DIR 1965, RWQCB/PROP65 AUTO WASTES DISCH TO GROUND

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/22/1988
Comments: SITE SCREENING DONE POSS ONSITE CONTAM

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

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 10/27/2014
Global Id: T0609793206
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4281769447897
Longitude: -122.73996591568
Case Type: Cleanup Program Site
Case Worker: TNM
Local Agency: SONOMA COUNTY
RB Case Number: 1NSR126
File Location: Regional Board

Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Lead, MTBE / TBA / Other Fuel Oxygenates
Site History: Since the mid 1980’s the property has been used as a salvage yard for discarded vehicles. Several phases of soil and groundwater investigation have been performed at the site between 1992 and 2009. No further cleanup of petroleum impacted groundwater has been required since 2014. Full closure of the environmental case will not be complete until current site use changes and soil impacts are fully characterized and remediated. Compliance with the industrial storm water program is required.
Click here to access the California GeoTracker records for this facility:

ENF:
Region: 1
Facility Id: 204379
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42832
Place Longitude: -122.73998
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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: Not reported
Program Category 1: Not reported
Program Category 2: TANKS
# Of Programs: Not reported
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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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<td>Facility Waste Type:</td>
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<td>Program Category2:</td>
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<td>Reg Measure Type:</td>
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<tr>
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<td>301H:</td>
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ACME AUTO WRECKERS, INC (Continued) S100183332

Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 219659
Region: 1
Order / Resolution Number: LT960715
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 07/15/1996
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 07/15/1996
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.
Description: REQUESTING SUBMITTAL OF PLANS AND SCHEDULE FOR COMPLIANCE WITH STORMWATER PERMIT.
Program: SLIC
Latest Milestone Completion Date: 1998-07-22
# Of Programs1: 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
Region: 1
Facility Id: 204379
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42832
Place Longitude: -122.73998
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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

TC5195822.2s Page 126
ACME AUTO WRECKERS, INC (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: 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: Not reported
Program Category 1: Not reported
Program Category 2: TANKS
# Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
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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
Status: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
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WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 221014
Region: 1
Order / Resolution Number: LT960322
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 03/22/1996
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 03/22/1996
AOL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.
ACME AUTO WRECKERS, INC (Continued)

Description: REQUESTING SUBMITTAL OF STATUS REPORT.
Program: SLIC
Latest Milestone Completion Date: 1998-07-22
# 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
Region: 1
Facility Id: 204379
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42832
Place Longitude: -122.73998
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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: Not reported
Program Category 1: Not reported
Program Category 2: TANKS
# Of Programs: Not reported
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
### ACME AUTO WRECKERS, INC (Continued)

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<td>Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.</td>
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<tr>
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<td>CAO REQUIRES INVESTIGATION OF SOIL &amp; GW CONTAMINATION. ORDER ISSUED TO ENSURE PROMPT &amp; COMPLETE INVE</td>
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<td>SLIC</td>
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<td>Project $ Completed:</td>
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<td>Total $ Paid/Completed Amount:</td>
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#### HIST COTRICESE:
- **Region:** COTRICESE
- **Facility County Code:** 49
- **Reg By:** WBC&D
- **Reg Id:** 1B1SR126NUG

#### NPDES:
- **Npdes Number:** Not reported
- **Facility Status:** Not reported
- **Agency Id:** Not reported
- **Region:** 1
- **Regulatory Measure Id:** 178811
- **Order No:** Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 1 491003958
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 05/09/2008
PROCESSED DATE: 04/03/1992
STATUS CODE NAME: Active
STATUS DATE: 12/23/2015
PLACE SIZE: 2
PLACE SIZE UNIT: Acres
FACILITY CONTACT NAME: Michael J Marquis
FACILITY CONTACT TITLE: Owner
FACILITY CONTACT PHONE: 707-545-9075
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: acmesalvage@att.net
OPERATOR NAME: Michael J Marquis
OPERATOR ADDRESS: 1885 Sebastopol Rd
OPERATOR CITY: Santa Rosa
OPERATOR STATE: California
OPERATOR ZIP: 95407
OPERATOR CONTACT NAME: Micheal Marquis
OPERATOR CONTACT TITLE: Owner
OPERATOR CONTACT PHONE: 707-545-9075
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: alohajake1@aol.com
OPERATOR TYPE: Private Business
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
DEVELOPER STATE: California
DEVELOPER ZIP: Not reported
DEVELOPER CONTACT NAME: Not reported
DEVELOPER CONTACT TITLE: Not reported
CONSTYPE LINEAR UTILITY IND: Not reported
EMERGENCY PHONE NO: 707-545-9075
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESCRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
ACME AUTO WRECKERS, INC (Continued)  S100183332

CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Stony Point Seb Rd
CERTIFIER NAME: Micheal Marquis
CERTIFIER TITLE: Owner
CERTIFICATION DATE: 03-AUG-15
PRIMARY SIC: 5015-Motor Vehicle Parts, Used
SECONDARY SIC: 5093-Scrap and Waste Materials
TERTIARY SIC: Not reported

NPDES Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 1
Regulatory Measure Id: 178811
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 1 491003958
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/03/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Michael J Marquis
Discharge Address: 1885 Sebastopol Rd
Discharge City: Santa Rosa
Discharge State: California
Discharge Zip: 95407
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported
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OPERATOR CONTACT ADDRESS: Not reported
OPERATOR CONTACT CITY: Not reported
OPERATOR CONTACT STATE: Not reported
OPERATOR CONTACT ZIP: Not reported
OPERATOR TYPE: Not reported
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
ACME AUTO WRECKERS, INC (Continued)

| DEVELOPER STATE: | Not reported |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | Not reported |
| EMERGENCY PHONE EXTN: | Not reported |
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| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERCIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESCRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | Not reported |
| RECEIVING WATER NAME: | Not reported |
| CERTIFIER NAME: | Not reported |
| CERTIFIER TITLE: | Not reported |
| CERTIFICATION DATE: | Not reported |
| PRIMARY SIC: | Not reported |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |

WDS:

| Facility ID: | 1 491003958 |
| Facility Type: | Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III) |
| 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: | 1 |
| Facility Telephone: | Not reported |
| Facility Contact: | MICHAEL J. MARQUIS |
| Agency Name: | ACME AUTO WRECKERS |
| Agency Address: | 1885 SEBASTOPOL RD |
| Agency City,St,Zip: | SANTA ROSA 95407 |
| Agency Contact: | MICHAEL J. MARQUIS |
| Agency Telephone: | Not reported |
| Agency Type: | Private |
| SIC Code: | 5015 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category. |
| Primary Waste: | STORMS |
| Waste Type2: | Not reported |
### ACME AUTO WRECKERS, INC (Continued)

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<th>Stormwater Runoff</th>
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<td>Organic wastes a...</td>
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<td>little adverse i...</td>
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<td>Such wastes c...</td>
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<td>Contaminated s...</td>
</tr>
<tr>
<td></td>
<td>Examples of thi...</td>
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<td>Secondary Waste:</td>
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<tr>
<td>Secondary Waste Type:</td>
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<tr>
<td>Design Flow:</td>
<td>0</td>
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<tr>
<td>Baseline Flow:</td>
<td>0</td>
</tr>
<tr>
<td>Reclamation:</td>
<td>No reclamation requirements associated with this facility.</td>
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<tr>
<td>POTW:</td>
<td>The facility is not a POTW.</td>
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<tr>
<td>Treat To Water:</td>
<td>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.</td>
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<tr>
<td>Complexity:</td>
<td>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.</td>
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<table>
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<tr>
<th>J45</th>
<th>BEACON STATION 489</th>
<th>Cortese</th>
<th>S113119705</th>
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<tr>
<td>NNE</td>
<td>921 SEBASTOPOL ROAD</td>
<td>HAZNET</td>
<td>N/A</td>
</tr>
<tr>
<td>1/4-1/2</td>
<td>SANTA ROSA, CA 95405</td>
<td></td>
<td></td>
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<tr>
<td>0.411 mi.</td>
<td>2169 ft.</td>
<td>Site 7 of 8 in cluster J</td>
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<td>Actual: 141 ft.</td>
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<tr>
<td>Site/Facility Type: Not reported</td>
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<td>Cleanup Status: Not reported</td>
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<td>Site Code: Not reported</td>
</tr>
<tr>
<td>Latitude: Not reported</td>
</tr>
<tr>
<td>Longitude: Not reported</td>
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</tr>
<tr>
<td>Enf Type: Not reported</td>
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<tr>
<td>Swat R: Not reported</td>
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<tr>
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<tr>
<td>Order No: Not reported</td>
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<td>Waste Discharge System No: Not reported</td>
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<td>Effective Date: 03/01/1992</td>
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<td>Region 2: 1</td>
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**HAZNET:**
- **envid:** S113119705
- **Year:** 2002
- **GEPID:** CAL000252888
- **Contact:** ROBERT HOOVER
LCST:
Sebastopol Road Commingled Plume Group.

One of three sites in a formal commingled plume account. See Site History:

Gasoline
Potential Contaminants of Concern:

Well used for drinking water supply
Potential Media Affect:

GAS
Potential Contaminants of Concern:

Site History:

One of three sites in a formal commingled plume account. See Sebastopol Road Commingled Plume Group.

Relative:
Higher

Actual:
141 ft.

LUST:

Lead Agency:
NORTH COAST RWQCB (REGION 1)

Case Type:
LUST Cleanup Site

Geo Track:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700201

Global Id:
T0609700201

Latitude:
38.429863983

Longitude:
-122.7300906

Status:
Open - Assessment & Interim Remedial Action

Status Date:
06/22/2017

Case Worker:
RBD

RB Case Number:
1TSO269

Local Agency:
SONOMA COUNTY

File Location:
Regional Board

Local Case Number:
Not reported

Potential Media Affect:
Well used for drinking water supply
Potential Contaminants of Concern:
Gasoline

Site History:
One of three sites in a formal commingled plume account. See Sebastopol Road Commingled Plume Group.

LUST:
BEACON STATION 489 (Continued)

Global Id: T0609700201
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700201
Contact Type: Regional Board Caseworker
Contact Name: ROBERT DICKERSON
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BLVD. ST. A,
City: SANTA ROSA
Email: robert.dickerson@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 07/28/2010
Action: Staff Letter

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 02/06/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 08/31/1994
Action: * Historical Enforcement

Global Id: T0609700201
Action Type: REMEDIATION
Date: 03/01/1993
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 07/11/2017
Action: Site Visit / Inspection / Sampling

Global Id: T0609700201
Action Type: Other
Date: 11/09/1988
Action: Leak Stopped

Global Id: T0609700201
Action Type: Other
Date: 11/09/1988
Action: Leak Discovery

Global Id: T0609700201
Action Type: Other
Date: 11/09/1988
**BEACON STATION 489 (Continued)**

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<tr>
<th>Action</th>
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<td>Date:</td>
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<td>Action:</td>
<td>Staff Letter</td>
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| Global Id: | T0609700201 |
| Action Type: | ENFORCEMENT |
| Date: | 07/18/2003 |
| Action: | Clean-up and Abatement Order - #CAO # R1-2003-0010 |

| Global Id: | T0609700201 |
| Action Type: | RESPONSE |
| Date: | 10/01/2012 |
| Action: | Monitoring Report - Quarterly |

| Global Id: | T0609700201 |
| Action Type: | ENFORCEMENT |
| Date: | 06/16/2017 |
| Action: | Email Correspondence |

| Global Id: | T0609700201 |
| Action Type: | ENFORCEMENT |
| Date: | 08/05/2009 |
| Action: | Staff Letter |

| Global Id: | T0609700201 |
| Action Type: | ENFORCEMENT |
| Date: | 10/18/2016 |
| Action: | Technical Correspondence / Assistance / Other |

| Global Id: | T0609700201 |
| Action Type: | RESPONSE |
| Date: | 07/24/1996 |
| Action: | Phase I Assessment Report |

| Global Id: | T0609700201 |
| Action Type: | ENFORCEMENT |
| Date: | 10/07/2011 |
| Action: | Staff Letter |

| Global Id: | T0609700201 |
| Action Type: | ENFORCEMENT |
| Date: | 04/07/2011 |
| Action: | Staff Letter |

| Global Id: | T0609700201 |
| Action Type: | ENFORCEMENT |
| Date: | 03/23/2016 |
| Action: | Clean Up Fund - Case Closure Review Summary Report (RSR) |

**LUST:**

| Global Id: | T0609700201 |
| Status: | Open - Case Begin Date |
| Status Date: | 11/09/1988 |
BEACON STATION 489 (Continued)

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 06/01/1989

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 03/12/1990

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 11/26/1990

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 12/20/1994

Global Id: T0609700201
Status: Open - Remediation
Status Date: 06/02/2009

Global Id: T0609700201
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/22/2017

Global Id: T0609700201
Status: Open - Remediation
Status Date: 06/22/2017

SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/02/2009
Global Id: SL0002012200
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4296898001949
Longitude: -122.73074336243
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1NSO269
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: * Petroleum - Automotive gasolines, * Semi-Volatile Organic Compounds,
* Volatile Organic Compounds (VOC)
Site History: See Sebastopol Road Commingled Plume Group

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

HIST UST:
File Number: 00021943
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021943.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
BEACON STATION 489 (Continued)  

Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported  

Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported  

Click here for Geo Tracker PDF:

ENF:  
Region: 1  
Facility Id: 208993  
Agency Name: Not reported  
Place Type: Service/Commercial  
Place Subtype: Gasoline Service Station  
Facility Type: All other facilities  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 38.42969  
Place Longitude: -122.72935  
SIC Code 1: 5541  
SIC Desc 1: Gasoline Service Stations  
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: Not reported  
Program Category1: Not reported  
Program Category2: TANKS  
# Of Programs: Not reported  
WDID: Not reported
BEACON STATION 489 (Continued)

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
Status: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 219334
Region: 1
Order / Resolution Number: LT940719
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 12/15/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 07/19/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO269NUG Beacon Station 489
Description: REQUESTING INFORMATION ON ANY DISPUTED ITEMS.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 208993
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
BEACON STATION 489  (Continued)

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<th>EDR ID Number</th>
<th>SIC Code 1:</th>
<th>NAICS Code 1:</th>
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# Of Agencies: Not reported
Place Latitude: 38.42969
Place Longitude: -122.72935

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: Not reported
Program Category 1: Not reported
Program Category 2: TANKS

# Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: 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

Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 221741
BEACON STATION 489 (Continued)

Region: 1
Order / Resolution Number: 94-118
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 08/31/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 07/18/2003
AOL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO269NUG Beacon Station 489
Description: RELEASE OF FUEL PRODUCTS. REQ REPORT ON HORIZONTAL & VERTICAL EXTENT OF CONTAMINATION & FNL CLEANUP. Rescinded by Order No. R1-2003-0010.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 208993
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42969
Place Longitude: -122.72935
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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 Code 3: 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
BEACON STATION 489 (Continued)

Program: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 221547
Region: 1
Order / Resolution Number: LT941215
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 12/15/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 12/15/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 181SO269NUG Beacon Station 489
Description: REQUESTING SUBMITTAL OF CLARIFICATIONS AS OUTLINED IN THE LETTER.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
### BEACON STATION 489 (Continued)

- **Facility Id:** 208993
- **Agency Name:** Not reported
- **Place Type:** Service/Commercial
- **Place Subtype:** Gasoline Service Station
- **Facility Type:** All other facilities
- **# Of Agencies:** Not reported
- **Place Latitude:** 38.42969
- **Place Longitude:** -122.72935
- **SIC Code 1:** 5541
- **SIC Code 2:** Not reported
- **SIC Code 3:** Not reported
- **NAICS Code 1:** Not reported
- **NAICS Code 2:** Not reported
- **NAICS Code 3:** Not reported
- **Region:** Not reported
- **Reg Measure Type:** Not reported
- **Reg Measure Id:** 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
- **Status:** Not reported
- **Status Date:** Not reported
- **Effective Date:** Not reported
- **Expiration/Review Date:** Not reported
- **Termination Date:** Not reported
- **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
BEACON STATION 489 (Continued)  S103676290

WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 221281
Region: 1
Order / Resolution Number: LT950419
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 04/19/1995
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 04/19/1995
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO269NUG Beacon Station 489
Description: REQUESTING REPORT AS SOON AS POSSIBLE.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 208993
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42969
Place Longitude: -122.72935
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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:                               | Not reported                        |
| Program Category1:                      | Not reported                        |
| Program Category2:                      | TANKS                               |
| # Of Programs:                         | Not reported                        |
| 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                        |
| Status:                                | Not reported                        |
| Status Date:                           | Not reported                        |
| Effective Date:                        | Not reported                        |
| Expiration/Review Date:                | Not reported                        |
| Termination Date:                      | Not reported                        |
| 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:                       | Not reported                        |
| Individual/General:                    | Not reported                        |
| Fee Code:                              | Not reported                        |
| Direction/Voice:                       | Not reported                        |
| Enforcement Id(EID):                   | 221135                              |
| Region:                                | 1                                   |
| Order / Resolution Number:             | LT951114                            |
| Enforcement Action Type:               | Staff Enforcement Letter            |
| Effective Date:                        | 11/14/1995                          |
| Adoption/Issuance Date:                | Not reported                        |
| Achieve Date:                          | Not reported                        |
| Termination Date:                      | 11/14/1995                          |
| ACL Issuance Date:                     | Not reported                        |
| EPL Issuance Date:                     | Not reported                        |
| Status:                                | Historical                          |
| Title:                                 | Enforcement - 1B1SO269NUG Beacon Station 489 |
| Description:                           | REQUESTING SUBMITTAL OF REPORT OF FIELD WORK. |
| Program:                               | UST                                |
| Latest Milestone Completion Date:      | Not reported                        |
| # Of Programs1:                        | 1                                  |
| Total Assessment Amount:               | 0                                  |
| Initial Assessed Amount:               | 0                                  |
| Liability $ Amount:                    | 0                                  |
| Project $ Amount:                      | 0                                  |
| Liability $ Amount:                    | 0                                  |
| Project $ Paid:                        | 0                                  |
| Project $ Completed:                   | 0                                  |
BEACON STATION 489 (Continued)

Total $ Paid/Completed Amount: 0
Region: 1
Facility Id: 208993
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42969
Place Longitude: -122.72935
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
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**BEACON STATION 489 (Continued)**

- **Title:** Enforcement - 1B1SO269NUG Beacon Station 489
- **Description:** CONTAMINATED GROUNDWATER IS ENTERING SEWER MAIN. CLEANUP MEASURES OUTLINED IN CAO.
- **Program:** UST
- **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

**HIST CORTESE:**
- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** LTNKA
- **Reg Id:** 1TSO269

**LUST CORTESE:**
- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** WBC&D
- **Reg Id:** 1B1SO269NUG

**L47 JACK SMITH GLASS & SASH**
- **LUST:** S102431825
- **ENEM:** 1050 DUTTON
- **SITE:** SANTA ROSA, CA 95401
- **Site 2 of 2 in cluster L**
- **Relative:**
  - **Higher:** Lead Agency: NORTH COAST RWQCB (REGION 1)
  - **Case Type:** LUST Cleanup Site
  - **Actual:** Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700653
    - **Global Id:** T0609700653
    - **Latitude:** 38.444302
    - **Longitude:** -122.730014
### JACK SMITH GLASS & SASH (Continued)

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<td>Case Worker</td>
<td>ZZZ</td>
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<td>SANTA ROSA, CITY OF</td>
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<td>Site History</td>
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**LUST:**

**Global Id:** T0609700653  
**Contact Type:** Local Agency Caseworker  
**Contact Name:** LOCAL PERMIT WORKER SANTA ROSA  
**Organization Name:** SANTA ROSA, CITY OF  
**Address:** 625 5th Street  
**City:** SANTA ROSA  
**Email:** Not reported  
**Phone Number:** 7075433500

**LUST:**

**Global Id:** T0609700653  
**Contact Type:** Regional Board Caseworker  
**Contact Name:** REGIONAL WATER BOARD SITE CLOSED  
**Organization Name:** NORTH COAST RWQCB (REGION 1)  
**Address:** 5550 SKYLANE BOULEVARD, SUITE A  
**City:** SANTA ROSA  
**Email:** craig.hunt@waterboards.ca.gov  
**Phone Number:** 7075762220

**LUST:**

**Global Id:** T0609700653  
**Action Type:** Other  
**Date:** 06/07/1990  
**Action:** Leak Stopped

**Global Id:** T0609700653  
**Action Type:** Other  
**Date:** 06/07/1990  
**Action:** Leak Reported

**Global Id:** T0609700653  
**Action Type:** Other  
**Date:** 06/07/1990  
**Action:** Leak Discovery

**Global Id:** T0609700653  
**Action Type:** ENFORCEMENT  
**Date:** 06/15/1990  
**Action:** * Historical Enforcement

### Site History:

- Gasoline
- Soil
- Not reported
JACK SMITH GLASS & SASH  (Continued)  S102431825

Status: Open - Site Assessment
Status Date: 06/15/1990
Global Id: T06097000653
Status: Open - Remediation
Status Date: 08/15/1991

Global Id: T06097000653
Status: Open - Site Assessment
Status Date: 08/15/1991

Global Id: T06097000653
Status: Open - Verification Monitoring
Status Date: 08/15/1991

Global Id: T06097000653
Status: Completed - Case Closed
Status Date: 08/16/1991

LUST REG 1:
Region: 1
Facility ID: 1TSR158
Staff Initials: Closed

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR158

M48  BRUNING ASSOCIATES, INC  LUST  S103065923
WW  EMI  N/A
1980 SEBASTOPOL ROAD  HIST CORTESE
SANTA ROSA, CA  95407
1-4/1/2
0.420 mi.
2217 ft.  Site 1 of 4 in cluster M

LUST:
Relative Higher
Actual: 126 ft.
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700035
Global Id: T0609700035
Latitude: 38.4267584
Longitude: -122.740961
Status: Completed - Case Closed
Status Date: 11/04/2014
Case Worker: ZZZ
RB Case Number: 1TSO056
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Benzene, Toluene, Xylene, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: The property was a petroleum service station which was closed in 1989. Six underground storage tanks (USTs) were removed from the property in 1989. In 1986 a piping leak was reported to the Sonoma County Health Department. Data from soil and groundwater samples
confirmed that there was a release to the subsurface in 1987. The property is now a vacant lot. Cleanup activities associated with the release at this property have included removal of all underground tanks and piping with excavation of 1,000 cubic yards of impacted soil. Soil and groundwater remediation treated approximately 2 million gallons of groundwater and removed 2,826 pounds of hydrocarbons from the subsurface. The environmental investigation at this site included numerous soil and groundwater sampling locations to define the lateral and vertical extent of contamination. Dissolved concentrations of petroleum hydrocarbons (including gasoline and diesel) in groundwater are limited in extent. Soil impacts are also limited and remain along the western edge of the property. No free product or dissolved concentrations of methyl tertiary butyl ether (MTBE) are currently detected in groundwater samples collected from this investigation. This site complies with the State Water Resources Control Boards Low-Threat Underground Storage Tank Case Closure Policy.

LUST:

Global Id: T0609700035
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700035
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700035
Action Type: RESPONSE
Date: 11/27/2008
Action: Well Destruction Workplan

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter

Global Id: T0609700035
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 05/06/2014
Action: Verbal Enforcement
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<th>Action Type</th>
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<tr>
<td>T06097000035</td>
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<td>11/04/2014</td>
<td>Closure/No Further Action Letter</td>
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<tr>
<td>T06097000035</td>
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<td>07/16/2002</td>
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<td>T06097000035</td>
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<td>01/15/2010</td>
<td>Monitoring Report - Quarterly</td>
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<tr>
<td>T06097000035</td>
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<td>04/15/2010</td>
<td>Monitoring Report - Quarterly</td>
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<td>01/15/2007</td>
<td>Monitoring Report - Quarterly</td>
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BRUNSING ASSOCIATES, INC  (Continued)

Date: 08/28/2006
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700035
Action Type: REMEDIATION
Date: 05/18/1989
Action: Excavation

Global Id: T0609700035
Action Type: RESPONSE
Date: 07/24/2012
Action: Staff Letter

Global Id: T0609700035
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 10/27/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 10/28/2009
Action: Staff Letter

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 02/26/2008
Action: File review

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 05/08/2007
Action: Staff Letter

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 02/25/2008
Action: Verbal Enforcement

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 02/27/2008
Action: File review

Global Id: T0609700035
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700035
Action Type: RESPONSE
Date: 06/01/2011
Action: Well Destruction Workplan
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BRUNSING ASSOCIATES, INC (Continued)

Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700035
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700035
Action Type: RESPONSE
Date: 05/22/2008
Action: Remedial Progress Report

Global Id: T0609700035
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 04/07/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700035
Action Type: RESPONSE
Date: 04/07/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700035
Action Type: RESPONSE
Date: 05/28/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700035
Action Type: RESPONSE
Date: 01/22/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 08/22/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0609700035
Action Type: REMEDIANION
Date: 08/29/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 10/27/2008
Action: Staff Letter

Global Id: T0609700035
Action Type: ENFORCEMENT
Date: 10/03/2008
Action: Meeting
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<td>Date:</td>
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<td>Action:</td>
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BRUNSING ASSOCIATES, INC (Continued)  S103065923

Date: 08/24/1987  Action: Leak Discovery
Global Id: T0609700035  
Action Type: ENFORCEMENT  
Date: 05/04/2012  
Action: Staff Letter

Global Id: T0609700035  
Action Type: ENFORCEMENT  
Date: 06/21/2013  
Action: Notification - Public Notice of Case Closure

Global Id: T0609700035  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0609700035  
Action Type: RESPONSE  
Date: 04/09/2007  
Action: CAP/RAP - Other Report

Global Id: T0609700035  
Action Type: ENFORCEMENT  
Date: 03/14/2011  
Action: Staff Letter

Global Id: T0609700035  
Action Type: RESPONSE  
Date: 10/24/2014  
Action: Well Destruction Report

Global Id: T0609700035  
Action Type: RESPONSE  
Date: 08/21/2013  
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700035  
Action Type: RESPONSE  
Date: 06/10/2013  
Action: Conceptual Site Model - Regulator Responded

Global Id: T0609700035  
Action Type: RESPONSE  
Date: 02/15/2013  
Action: Monitoring Report - Other

LUST:

Global Id: T0609700035  
Status: Open - Case Begin Date  
Status Date: 08/18/1987

Global Id: T0609700035  
Status: Open - Site Assessment  
Status Date: 08/18/1987
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<td>Global Id: T0609700035</td>
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<td>Status Date: 06/21/2013</td>
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<td>Status: Completed - Case Closed</td>
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EMI:
- Year: 2007
- County Code: 49
- Air Basin: SF
- Facility ID: 16512
- Air District Name: BA
- SIC Code: 1799
- Air District Name: BAY AREA AQMD
BRUNSING ASSOCIATES, INC (Continued)

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Reactive Organic Gases Tons/Yr: .229
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2008
County Code: 49
Air Basin: SF
Facility ID: 16512
Air District Name: BA
SIC Code: 1799
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: .595
Reactive Organic Gases Tons/Yr: .415667
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2009
County Code: 49
Air Basin: SF
Facility ID: 16512
Air District Name: BA
SIC Code: 1799
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.6390000000000001
Reactive Organic Gases Tons/Yr: 0.44640540000000001
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2010
County Code: 49
Air Basin: SF
Facility ID: 16512
Air District Name: BA
SIC Code: 1799
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.5120000000000001
Reactive Organic Gases Tons/Yr: 0.35768319999999998
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0
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### BRUNSING ASSOCIATES, INC (Continued)

- **SOX - Oxides of Sulphur Tons/Yr:** 0
- **Particulate Matter Tons/Yr:** 0
- **Part. Matter 10 Micrometers and Smllr Tons/Yr:** 0

### HIST CORTESE:
- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** WBC&D
- **Reg Id:** 1B1SO056NUG

- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** LTNKA
- **Reg Id:** 1TS0056

---

**SWEEPS UST**

- **M49**
- **WNW**
- **1/4-1/2**
- **0.420 mi.**
- **2217 ft.**

**Site 2 of 4 in cluster M**

**Relative:**
- **Higher**

**Actual:**
- **126 ft.**

**SWEEPS UST:**

- **Status:** Not reported
- **Comp Number:** 1853
- **Number:** Not reported
- **Board Of Equalization:** Not reported
- **Referral Date:** Not reported
- **Action Date:** Not reported
- **Created Date:** Not reported
- **Owner Tank Id:** Not reported
- **SWRCB Tank Id:** 49-000-001853-000001
- **Tank Status:** Not reported
- **Capacity:** 3000
- **Active Date:** Not reported
- **Tank Use:** M.V. FUEL
- **STG:** PRODUCT
- **Content:** LEADED
- **Number Of Tanks:** 7

- **Status:** Not reported
- **Comp Number:** 1853
- **Number:** Not reported
- **Board Of Equalization:** Not reported
- **Referral Date:** Not reported
- **Action Date:** Not reported
- **Created Date:** Not reported
- **Owner Tank Id:** Not reported
- **SWRCB Tank Id:** 49-000-001853-000002
- **Tank Status:** Not reported
- **Capacity:** 4000
- **Active Date:** Not reported
- **Tank Use:** M.V. FUEL
- **STG:** PRODUCT
- **Content:** LEADED
- **Number Of Tanks:** Not reported

- **Status:** Not reported
BILL NIDA TEXACO (Continued)

Comp Number: 1853
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001853-000003
Tank Status: Not reported
Capacity: 3000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEAD
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1853
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001853-000004
Tank Status: Not reported
Capacity: 7500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEAD
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1853
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001853-000005
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEAD
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1853
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
**BILL NIDA TEXACO (Continued) U001609522**

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| Tank Num: | 004 |
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| Year Installed: | Not reported |
| Tank Capacity: | 00007550 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | 1/4 |
| Leak Detection: | Visual |

| Tank Num: | 005 |
| Container Num: | 5 |
| Year Installed: | Not reported |
| Tank Capacity: | 00005000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | PREMIUM |
| Container Construction Thickness: | 1/4 |
| Leak Detection: | Visual |

| Tank Num: | 006 |
| Container Num: | 6 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000550 |
| Tank Used for: | WASTE |
| Type of Fuel: | WASTE OIL |
| Container Construction Thickness: | 12 |
| Leak Detection: | Visual |

Click here for Geo Tracker PDF:

**CORTESER:**

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BILL NIDA TEXACO (Continued)

WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Unit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

K50 CHANG, KEVIN
NW 1580 HAMPTON
1/4-1/2 0.420 mi.
2218 ft. Site 2 of 3 in cluster K

Relative: Higher
Actual: 131 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700130
Global Id: T0609700130
Latitude: 38.4290265935532
Longitude: -122.738656089688
Status: Completed - Case Closed
Status Date: 11/24/1994
Case Worker: ZZZ
RB Case Number: TSO166
Local Agency: SONOMA COUNTY LOP
File Location: Not reported
Local Case Number: 00002641
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0609700130
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700130
Action Type: Other
Date: 03/29/1988
Action: Leak Discovery

Global Id: T0609700130
Action Type: Other
Date: 03/29/1988
Action: Leak Stopped

Global Id: T0609700130
Action Type: Other
Date: 03/29/1988
Action: Leak Reported

Global Id: T0609700130
Action Type: ENFORCEMENT
Date: 07/08/1992
CHANG, KEVIN (Continued)

Action: * Historical Enforcement

LUST:

Global Id: T0609700130
Status: Open - Case Begin Date
Status Date: 03/29/1988

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 04/11/1988

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 10/02/1990

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 11/26/1990

Global Id: T0609700130
Status: Open - Remediation
Status Date: 11/23/1994

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 11/23/1994

Global Id: T0609700130
Status: Open - Verification Monitoring
Status Date: 11/23/1994

Global Id: T0609700130
Status: Completed - Case Closed
Status Date: 11/24/1994

SONOMA CO. LUST:

Region: SONOMA
Regional Board: 1TSO166
Closed or Referred: Referred
Confirm Date: 07/01/1992
LOP Number: 00002641
Staff: Not reported
Decode of Staff: Not reported
Global ID: T0609700130

SWEEPS UST:

Status: Active
Comp Number: 2641
Number: 9
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: 10-06-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-002641-000001
CHANG, KEVIN (Continued)

Tank Status: A
Capacity: 1
Active Date: 10-06-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 1

CA FID UST:
Facility ID: 49000452
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mail Address: 8141 REDWOOD BLVD
Mailing City, St, Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO166

K51 CHANG, KEVIN LUST S102426525
NW HAMPTON WAY 1580 N/A
1-4/1/2 SANTA ROSA, CA
0.420 mi.
2218 ft. Site 3 of 3 in cluster K
Relative: LUST REG 1:
Higher Region: 1
Facility ID: 1TSO166
Actual: Staff Initials: Closed
131 ft.

N52 BSC CLEANERS SLIC S107473135
NNE 800 SEBASTOPOL ROAD ENF N/A
1-4/1/2 SANTA ROSA, CA 95401
0.421 mi.
2222 ft. Site 1 of 9 in cluster N
Relative: STATE
Higher Facility Status: Open - Site Assessment
Actual: Status Date: 06/22/2017
141 ft.
BSC CLEANERS (Continued)

Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4294
Longitude: -122.7293
Case Type: Cleanup Program Site
Case Worker: RBD
Local Agency: SONOMA COUNTY LOP
RB Case Number: 1NSR424
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents, Tetrachloroethylene (PCE)
Site History: Recalcitrant Responsible Party.

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

ENF:
Region: 1
Facility Id: 741457
Agency Name: BSC Cleaners (Former)
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 38.42977
Place Longitude: -122.72895
SIC Code 1: Not reported
SIC Desc 1: Not reported
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: Reg Meas
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: SLIC
Program Category 1: TANKS
Program Category 2: TANKS
# Of Programs: 1
WDID: 1B1SR424NSL
Reg Measure Id: 368789
Reg Measure Type: Unregulated
Region: 1
Order #: Not reported
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BSC CLEANERS (Continued) S107473135

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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
Status: Active
Status Date: 10/24/2011
Effective Date: 03/01/1992
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 368791
Region: 1
Order / Resolution Number: Not reported

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TC5195822.2s Page 167
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**CA FID UST:**

| Facility ID: | 49000466 |
| Regulated By: | UTKNA |
| Regulated ID: | Not reported |
| Cortese Code: | Not reported |
| SIC Code:     | Not reported |
| Facility Phone: | 7075452556 |
| Mail To:      | Not reported |
| Mailing Address: | 2033 ELEANOR DR |
| Mailing Address 2: | Not reported |
| Mailing City,St,Zip: | SANTA ROSA 95407 |
| Contact:      | Not reported |
| Contact Phone: | Not reported |
| DUNs Number:  | Not reported |
| NPDES Number: | Not reported |
| EPA ID:       | Not reported |
| Comments:     | Not reported |
| Status:       | Active   |
## BEVAN PEARSON MOVING & ST (Continued)

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| Agency Name: | Not reported |
| Place Type: | Service/Commercial |
| Place Subtype: | Gasoline Service Station |
| Facility Type: | All other facilities |
| Agency Type: | Not reported |
| # Of Agencies: | Not reported |
| Place Latitude: | 38.429999 |
| Place Longitude: | -122.73135 |
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| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
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| NAICS Desc 1: | Not reported |
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| NAICS Desc 2: | Not reported |
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| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
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| Complexity: | Not reported |
| Pretreatment: | Not reported |
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| Facility Waste Type 3: | Not reported |
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| Program: | Not reported |
### BEVAN PEARSON MOVING & ST (Continued)

| Program Category1 | Not reported |
| Program Category2 | TANKS |
| # Of Programs | Not reported |
| WDID | Not reported |
| Reg Measure Id | Not reported |
| Reg Measure Type | Not reported |
| Region | Not reported |
| Order # | Not reported |
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| Major-Minor | Not reported |
| Npdes Type | Not reported |
| Reclamation | Not reported |
| Dredge Fill Fee | Not reported |
| 301H | Not reported |
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| WDR Review - Pending | Not reported |
| WDR Review - Planned | Not reported |
| Status Enrollee | Not reported |
| Individual/General | Not reported |
| Fee Code | Not reported |
| Fee Code | Not reported |
| Direction/Voice | Not reported |
| Enforcement Id(EID) | 220614 |
| Region | 1 |
| Order / Resolution Number | LT930927 |
| Enforcement Action Type | Staff Enforcement Letter |
| Effective Date | 09/27/1993 |
| Adoption/Issuance Date | Not reported |
| Achieve Date | Not reported |
| Termination Date | 09/27/1993 |
| ACL Issuance Date | Not reported |
| EPL Issuance Date | Not reported |
| Status | Historical |
| Title | Enforcement - 1B1SO276NUG Mayflower Transit Company |
| Description | REQUESTING SUBMITTAL OF CLARIFICATION AS OUTLINED IN THE LETTER. |
| Program | UST |
| Latest Milestone Completion Date | Not reported |
| # Of Programs1 | 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 |

Region: 1
Facility Id: 239897
## BEVAN PEARSON MOVING & ST (Continued)

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BEVAN PEARSON MOVING & ST (Continued)  S101595290

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Program Category2: TANKS
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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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 220833
Region: 1
Order / Resolution Number: LT930211
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 02/11/1993
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 02/11/1993
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO276NUG Mayflower Transit Company
Description: REQUESTING SUBMITTAL OF INFORMATION AS OUTLINED IN PRIOR LETTER.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
BEVAN PEARSON MOVING & ST (Continued)

Project $ Completed: 0
Total $ Paid/Completed Amount: 0

Region: 1
Facility Id: 239897
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42999
Place Longitude: -122.73135
SIC Code 1: Not reported
SIC Desc 1: Not reported
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SIC Desc 2: Not reported
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SIC Desc 3: Not reported
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NAICS Desc 2: Not reported
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# 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
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Program: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
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Region: Not reported
Order #: Not reported
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Major-Minor: Not reported
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301H: Not reported
Application Fee Amt Received: Not reported
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
BEVAN PEARSON MOVING & ST (Continued)  S101595290

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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
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Region: 1
Order / Resolution Number: LT960513
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 05/13/1996
Adoption/Accord Date: Not reported
Achieve Date: Not reported
Termination Date: 05/13/1996
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO276NUG Mayflower Transit Company
Description: REQUESTING SUBMITTAL OF WORKPLAN TO FURTHER DEFINE THE EXTENT OF CONTAMINATION.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs: 1
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Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0
Region: 1
Facility Id: 239897
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
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NAICS Desc 1: Not reported
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# Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
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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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 219747
Region: 1
Order / Resolution Number: LT960715
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 07/15/1996
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 07/15/1996
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO276NUG Mayflower Transit Company
Description: REQUESTING SUBMITTAL OF CLARIFICATIONS.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0
**BEVAN PEARSON MOVING & ST** (Continued)

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<thead>
<tr>
<th>Initial Assessed Amount:</th>
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<tr>
<td>Liability $ Amount:</td>
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<tr>
<td>Project $ Amount:</td>
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<tr>
<td>Total $ Paid/Completed Amount:</td>
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</tbody>
</table>

**Region:** 1  
**Facility Id:** 239897  
**Agency Name:** Not reported  
**Place Type:** Service/Commercial  
**Place Subtype:** Gasoline Service Station  
**Facility Type:** All other facilities  
**Agency Type:** Not reported  
**# Of Agencies:** Not reported  
**Place Latitude:** 38.42999  
**Place Longitude:** -122.73135  
**SIC Code 1:** Not reported  
**SIC Desc 1:** Not reported  
**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 Code 2:** Not reported  
**NAICS Code 3:** Not reported  
**NAICS Code 3:** Not reported  
**Pro# 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:** Not reported  
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**Program Category2:** TANKS  
**# Of Programs:** Not reported  
**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  
**Status:** Not reported  
**Status Date:** Not reported
BEVAN PEARSON MOVING & ST (Continued)  S101595290

Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 219638
Region: 1
Order / Resolution Number: LT960904
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 09/04/1996
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 09/04/1996
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO276NUG Mayflower Transit Company
Description: REQUESTING NOTIFICATION PRIOR TO DRILLING.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 239897
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42999
Place Longitude: -122.73135
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
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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
BEVAN PEARSON MOVING & ST (Continued)  S101595290

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: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 221638
Region: 1
Order / Resolution Number: LT941117
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 11/17/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 11/17/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO276NUG Mayflower Transit Company
Description: REQUESTING ACKNOWLEDGEMENT OF INTENT TO RECOVER COSTS.
Program: UST
BEVAN PEARSON MOVING & ST (Continued)  S101595290

Latest Milestone Completion Date: Not reported
# Of Programs1: 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

Region: 1
Facility Id: 239897
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.42999
Place Longitude: -122.73135
SIC Code 1: Not reported
SIC Desc 1: Not reported
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
# Of Programs: Not reported
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
BEVAN PEARSON MOVING & ST (Continued)

Application Fee Amt Received: Not reported
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 221133
Region: 1
Order / Resolution Number: LT960123
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 01/23/1996
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 01/23/1996
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO276NUG Mayflower Transit Company
Description: REQUESTING SUBMITTAL OF WORKPLAN DEFINING THE EXTENT OF CONTAMINATION.
Program: UST
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
BEVAN INVESTMENTS (Continued)

Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline

Site History:
Problem Description In June 1989, the Santa Rosa Fire Department reported petroleum discharges discovered during the removal of two 1000-gallon diesel and gasoline underground storage tanks (USTs). Analysis of soil samples showed the presence of Total Petroleum Hydrocarbons measured as gasoline (TPH-g) and as diesel (TPH-d) at 670 milligrams per kilogram (mg/Kg) and 730 mg/Kg respectively. Actions Completed Between June 1990 and October 2011, the Discharger installed at least thirteen exploratory borings fifteen groundwater monitoring and/or extraction wells to define the horizontal and vertical extent petroleum impacts, and to monitor contaminant levels in groundwater. In November 1990, the Discharger excavated and removed approximately 875 cubic yards of petroleum impacted soil. Between July 2007 and May 2008, the Discharger removed approximately 110 pounds of petroleum hydrocarbons by extracting and treating petroleum-impacted groundwater and soil vapor prior to disposal under regulatory permits. In June 2011, the Discharger excavated and removed approximately 1200 cubic yards of petroleum-impacted soil.

LUST:

Global Id: T0609700206
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 05/09/2011
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2012
Action: Soil and Water Investigation Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2007
Action: Well Installation Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 11/28/2012
BEVAN INVESTMENTS (Continued)

Action: Rescission of Enforcement Action
Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 01/05/2005
Action: File review

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 07/16/2004
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/15/2009
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 03/15/2002
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 05/06/1999
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 06/19/2000
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 03/06/2001
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

S104163179
BEVAN INVESTMENTS (Continued)

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: Other
Date: 06/22/1989
Action: Leak Stopped

Global Id: T0609700206
Action Type: REMEDIATION
Date: 06/20/2011
Action: Excavation

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 04/05/2011
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 10/01/2012
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: 13267 Monitoring Program

Global Id: T0609700206
Action Type: Other
Date: 06/22/1989
Action: Leak Discovery

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 11/15/2012
Action: Closure/No Further Action Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 07/31/2012
Action: File Review - Closure

Global Id: T0609700206
Action Type: RESPONSE
BEVAN INVESTMENTS (Continued)

Date: 12/31/2012
Action: Well Destruction Report
Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/08/2009
Action: File review

Global Id: T0609700206
Action Type: Other
Date: 06/22/1989
Action: Leak Reported

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 11/16/2009
Action: CAP/RAP - Other Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 03/11/2009
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700206
Action Type: RESPONSE
Date: 06/06/2001
Action: Soil and Water Investigation Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2011
Action: Corrective Action Plan / Remedial Action Plan - Addendum
BEVAN INVESTMENTS (Continued)  S104163179

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/25/2000
Action: Soil and Water Investigation Workplan

Global Id: T0609700206
Action Type: REMEDIATION
Date: 11/01/1990
Action: Excavation

Global Id: T0609700206
Action Type: REMEDIATION
Date: 07/20/2007
Action: Soil Vapor Extraction (SVE)

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 06/30/2005
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 05/31/2006
Action: Other Workplan

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 04/20/2010
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 07/01/2006
Action: Verbal Enforcement

Global Id: T0609700206
Action Type: RESPONSE
BEVAN INVESTMENTS (Continued)

Date: 07/31/2010
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2012
Action: Monitoring Report - Other

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: Other
Date: 01/01/1964
Action: Leak Began

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/15/2006
Action: Other Report / Document

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/20/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700206
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Report / Document

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 05/18/2009
Action: Staff Letter
BEVAN INVESTMENTS (Continued)

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 10/05/2006
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 08/06/1999
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 09/05/2011
Action: Soil and Water Investigation Report

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 03/30/2006
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700206
Action Type: REMEDIATION
Date: 06/12/1989
Action: Excavation

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 08/10/2012
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: ENFORCEMENT
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|           |            | Status Date: | 06/22/1989  |

| Global Id: | T0609700206 | Status: | Open - Remediation |
|           |            | Status Date: | 06/22/1989  |

| Global Id: | T0609700206 | Status: | Open - Site Assessment |
|           |            | Status Date: | 01/22/1990  |

| Global Id: | T0609700206 | Status: | Open - Site Assessment |
|           |            | Status Date: | 03/28/1990  |

| Global Id: | T0609700206 | Status: | Open - Remediation |
|           |            | Status Date: | 11/10/1999  |

| Global Id: | T0609700206 | Status: | Open - Site Assessment |
|           |            | Status Date: | 11/30/2000  |

| Global Id: | T0609700206 | Status: | Open - Site Assessment |
|           |            | Status Date: | 04/27/2001  |
BEVAN INVESTMENTS  (Continued)  S104163179

Status: Open - Remediation
Status Date: 07/20/2007
Global Id: T0609700206
Status: Open - Verification Monitoring
Status Date: 03/30/2008
Global Id: T0609700206
Status: Open - Remediation
Status Date: 04/07/2011
Global Id: T0609700206
Status: Open - Site Assessment
Status Date: 04/07/2011
Global Id: T0609700206
Status: Open - Eligible for Closure
Status Date: 02/28/2012
Global Id: T0609700206
Status: Open - Verification Monitoring
Status Date: 02/28/2012
Global Id: T0609700206
Status: Completed - Case Closed
Status Date: 11/15/2012

LUST REG 1:
Region: 1
Facility ID: 1TSO276
Staff Initials: WTE

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO276
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO276NUG

BEVAN INVESTMENTS

O56
NNE
1/4-1/2
0.426 mi.
2248 ft.
Site 3 of 3 in cluster O
Relative: Higher
Actual: 139 ft.

OPTICAL COATING LABORATORY INC
977 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

SLIC S105051108
N/A

STATE
Completed - Case Closed
03/14/1994
T0609793282
NORTH COAST RWQCB (REGION 1)
Not reported

BEVAN INVESTMENTS

Not reported
NORTH COAST RWQCB (REGION 1)
OPTICAL COATING LABORATORY INC  (Continued)

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<tr>
<th>Facility Name</th>
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<th>Case Type</th>
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<tr>
<td>OPTICAL COATING LAB</td>
<td>S105051108</td>
<td></td>
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<td>Cleanup Program Site</td>
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</tbody>
</table>

- **Latitude:** 38.4294225186088
- **Longitude:** -122.731067474869
- **Case Worker:** ZZZ
- **Local Agency:** SANTA ROSA, CITY OF
- **RB Case Number:** 1NSR225
- **File Location:** Regional Board
- **Potential Media Affected:** Soil
- **Potential Contaminants of Concern:** Diesel
- **Site History:** Not reported

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

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### SEMS Detail:

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<th>Relative:</th>
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<td>BAUGH, MS. WILSON</td>
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<td>Current Action Lead:</td>
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- **Region:** 9
- **Site ID:** 904556
- **EPA ID:** CAD983646050
- **Site Name:** BAUGH, MS. WILSON
- **NPL:** N
- **FF:** N
- **OU:** 0
BAUGH, MS. WILSON (Continued)

Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1993-12-10 00:00:00
Finish Date: 9/28/1994
Qual: L
Current Action Lead: EPA Perf

Region: 9
Site ID: 904556
EPA ID: CAD983646050
Site Name: BAUGH, MS. WILSON
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-06-22 00:00:00
Finish Date: 6/22/1992
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 904556
EPA ID: CAD983646050
Site Name: BAUGH, MS. WILSON
NPL: N
FF: N
OU: 0
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2013-07-01 00:00:00
Finish Date: 2/10/2015
Qual: L
Current Action Lead: St Perf

Region: 9
Site ID: 904556
EPA ID: CAD983646050
Site Name: BAUGH, MS. WILSON
NPL: N
FF: N
OU: 0
Action Code: VA
Action Name: OTHR CLEANUP
SEQ: 1
Start Date: 2015-02-10 00:00:00
Finish Date: Not reported
Qual: L
Current Action Lead: St Perf

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
BAUGH, MS. WILSON (Continued)

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700174
Global Id: T0609700174
Latitude: 38.4300259859808
Longitude: -122.729258537292
Status: Completed - Case Closed
Status Date: 05/08/2017
Case Worker: ZZZ
RB Case Number: 1TSO231
Local Agency: Not reported
File Location: Regional Board
Local Case Number: 00002466
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: See Sebastopol Road Commingled Plume Group

LUST:
Global Id: T0609700174
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 07/28/2010
Action:

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 06/01/2009
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 10/03/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 01/08/2015
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 11/09/1988
Action: " Historical Enforcement

Global Id: T0609700174
Action Type: RESPONSE
Date: 05/01/2017
Action: Well Destruction Report

Global Id: T0609700174
BAUGH, MS. WILSON (Continued)

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### BAUGH, MS. WILSON (Continued)

#### Status and Dates
- **Global Id:** T0609700174
- **Status:** Open - Remediation
- **Status Date:** 05/15/2009

- **Global Id:** T0609700174
- **Status:** Open - Eligible for Closure
- **Status Date:** 09/30/2016

#### LUST REG 1:
- **Region:** 1
- **Facility ID:** 1TSO231
- **Staff Initials:** WTE

#### SWEEPS UST:
- **Status:** Active
- **Comp Number:** 2466
- **Number:** 9
- **Board Of Equalization:** 44-028030
- **Referral Date:** Not reported
- **Action Date:** 10-05-89
- **Created Date:** 03-31-89
- **Owner Tank Id:** Not reported
- **SWRCB Tank Id:** 49-000-002466-000001
- **Tank Status:** A
- **Capacity:** 1
- **Active Date:** 10-05-89
- **Tank Use:** UNKNOWN
- **STG:** P
- **Content:** UNKNOWN
- **Number Of Tanks:** 3

- **Status:** Active
- **Comp Number:** 2466
- **Number:** 9
- **Board Of Equalization:** 44-028030
- **Referral Date:** Not reported
- **Action Date:** 10-05-89
- **Created Date:** 03-31-89
- **Owner Tank Id:** Not reported
- **SWRCB Tank Id:** 49-000-002466-000002
- **Tank Status:** A
- **Capacity:** 1
- **Active Date:** 10-05-89
- **Tank Use:** UNKNOWN
- **STG:** P
- **Content:** UNKNOWN
- **Number Of Tanks:** Not reported

- **Status:** Active
- **Comp Number:** 2466
- **Number:** 9
- **Board Of Equalization:** 44-028030

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### BAUGH, MS. WILSON (Continued)

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### CA FID UST:

- **Facility ID:** 49000460
- **Regulated By:** UTNKA
- **Regulated ID:** Not reported
- **Cortese Code:** Not reported
- **SIC Code:** Not reported
- **Facility Phone:** Not reported
- **Mail To:** Not reported
- **Mailing Address:** 3127 N VALENCIA
- **Mailing Address 2:** Not reported
- **Mailing City,St,Zip:** SANTA ROSA 95407
- **Contact:** Not reported
- **Contact Phone:** Not reported
- **DUNS Number:** Not reported
- **NPDES Number:** Not reported
- **EPA ID:** Not reported
- **Comments:** Not reported
- **Status:** Active

### HIST CORTESE:

- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** LTNKA
- **Reg Id:** 1TSO231

---

**WILSON BAUGH ENTERPRISES**

- **Notify 65:** S100179383
- **N/A**

**Address:**

- **805 SEBASTOPAL**
- **SANTA ROSA, CA 93582**

**Distance:**

- **0.428 mi.**
- **2258 ft.**

**Site:** 3 of 9 in cluster N

**Relative Height:**

- **Higher: 142 ft.**

**NOTIFY 65:**

- **Date Reported:** Not reported
- **Staff Initials:** Not reported
- **Board File Number:** Not reported
- **Facility Type:** Not reported
- **Discharge Date:** Not reported
- **Issue Date:** Not reported
- **Incident Description:** Not reported
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### Site Details

#### M59
- **Facility Closed**: Yes
- **Staff Initials**: Not reported
- **Region**: SLIC REG 1
- **Facility ID**: 1NSR337
- **Distance**: 0.429 mi.
- **Elevation**: 2263 ft.

#### N60
- **Facility Closed**: Yes
- **Staff Initials**: Not reported
- **Region**: LUST REG 1
- **Facility ID**: 1TSO057
- **Distance**: 0.436 mi.
- **Elevation**: 2303 ft.

#### N61
- **Facility Closed**: Yes
- **Staff Initials**: Not reported
- **Region**: N61 LUST
- **Facility ID**: 1TSO254
- **Distance**: 0.436 mi.
- **Elevation**: 2303 ft.
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BP/REDWOOD OIL 110 (Continued)

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/01/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 09/19/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/04/2011
Action: Staff Letter

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/24/1996
Action: Phase I Assessment Report

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/23/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700191
Action Type: REMEDIATION
Date: 04/01/1990
Action: Excavation

Global Id: T0609700191
Action Type: REMEDIATION
Date: 08/01/1998
Action: Excavation

Global Id: T0609700191
Action Type: REMEDIATION
Date: 12/01/1989
Action: Excavation

LUST:

Global Id: T0609700191
Status: Open - Case Begin Date
Status Date: 04/03/1989

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 04/03/1989

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 05/18/1989
BP/REDWOOD OIL 110 (Continued)

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 07/24/1989

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 06/22/1994

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 06/02/2009

Global Id: T0609700191
Status: Open - Assessment & Interim Remedial Action
Status Date: 10/25/2013

Global Id: T0609700191
Status: Open - Remediation
Status Date: 12/31/2013

Global Id: T0609700191
Status: Open - Remediation
Status Date: 09/26/2016

Global Id: T0609700191
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/22/2017

Global Id: T0609700191
Status: Open - Remediation
Status Date: 06/22/2017

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T060977408
Global Id: T060977408
Latitude: 38.4297563451985
Longitude: -122.729040228172
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/22/2017
Case Worker: RBD
RB Case Number: 1TSR394
Local Agency: SONOMA COUNTY LOP
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply, Indoor Air, Other Groundwater (uses other than drinking water);
Potential Contaminants of Concern: * Solvents, Benzene, Ethylbenzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Toluene, Xylen;
Site History: Not reported

LUST:
Global Id: T060977408
Contact Type: Regional Board Caseworker
Contact Name: ROBERT DICKERSON
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BLVD. ST. A,
City: SANTA ROSA
Email: robert.dickerson@waterboards.ca.gov
BP/REDWOOD OIL 110 (Continued)

Phone Number: Not reported

LUST:
- Global Id: T060977408
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- Global Id: T060977408
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  - Date: 05/31/2011
  - Action: Monitoring Report - Annually

- Global Id: T060977408
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  - Action: Monitoring Report - Annually

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  - Date: 06/01/2009
  - Action: Staff Letter

- Global Id: T060977408
  - Action Type: ENFORCEMENT
  - Date: 06/23/2014
  - Action: Technical Correspondence / Assistance / Other

- Global Id: T060977408
  - Action Type: ENFORCEMENT
  - Date: 03/17/2006
  - Action: Notification - Public Notice of ROD/RAP/CAP

- Global Id: T060977408
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  - Date: 03/17/2006
  - Action: * No Action

- Global Id: T060977408
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  - Date: 10/08/2009
  - Action: Staff Letter

- Global Id: T060977408
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  - Date: 03/16/2010
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<td>T060977408</td>
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| Action Type: | RESPONSE |
| Date: | 11/01/2001 |
| Action: | Soil and Water Investigation Workplan |

| Global Id: | T060977408 |
| Action Type: | RESPONSE |
| Date: | 08/25/2003 |
| Action: | Soil and Water Investigation Report |

| Global Id: | T060977408 |
| Action Type: | REMEDIATION |
| Date: | 11/07/2013 |
| Action: | In Situ Physical/Chemical Treatment (other than SVE) |

| Global Id: | T060977408 |
| Action Type: | RESPONSE |
| Date: | 08/04/2015 |
| Action: | Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded |

| Global Id: | T060977408 |
| Action Type: | ENFORCEMENT |
| Date: | 06/15/2017 |
| Action: | Email Correspondence |

| Global Id: | T060977408 |
| Action Type: | RESPONSE |
| Date: | 01/30/2012 |
| Action: | Monitoring Report - Annually |

| Global Id: | T060977408 |
| Action Type: | RESPONSE |
| Date: | 01/30/2013 |
| Action: | Monitoring Report - Annually |

| Global Id: | T060977408 |
| Action Type: | RESPONSE |
| Date: | 01/30/2014 |
| Action: | Monitoring Report - Annually |

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| Action Type: | RESPONSE |
| Date: | 01/30/2015 |
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| Global Id: | T060977408 |
| Action Type: | RESPONSE |
| Date: | 01/30/2016 |
| Action: | Monitoring Report - Annually |

<p>| Global Id: | T060977408 |
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BP/REDWOOD OIL 110 (Continued)

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 09/29/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T060977408
Action Type: RESPONSE
Date: 09/01/2011
Action: Correspondence

Global Id: T060977408
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 01/30/2011
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 10/30/2011
Action: Monitoring Report - Quarterly
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| Date:     | 10/30/2012 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 01/30/2013 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 04/30/2013 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 07/30/2013 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 10/30/2013 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 01/30/2014 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 04/30/2014 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 07/30/2014 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 10/30/2014 |
| Action:  | Monitoring Report - Quarterly |

| Date:     | 01/30/2015 |
| Action:  | Monitoring Report - Quarterly |
BP/REDWOOD OIL 110 (Continued)

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2015
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2015
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 10/30/2015
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 01/30/2016
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 09/30/2016
Action: Other Report / Document

Global Id: T060977408
Action Type: RESPONSE
Date: 05/30/2015
Action: Monitoring Report - Annually

Global Id: T060977408
Action Type: RESPONSE
Date: 05/30/2016
Action: Monitoring Report - Annually

Global Id: T060977408
Action Type: RESPONSE
Date: 05/26/2009
Action: Monitoring Report - Annually

Global Id: T060977408
Action Type: RESPONSE
Date: 07/26/2015
Action: NPDES / WDR Reports

Global Id: T060977408
Action Type: RESPONSE
Date: 03/30/2008
Action: Sensitive Receptor Survey Report

Global Id: T060977408
Action Type: RESPONSE
Date: 09/25/2003
Action: Sensitive Receptor Survey Report

Global Id: T060977408
Action Type: ENFORCEMENT
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<td>T060977408</td>
<td>ENFORCEMENT</td>
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<td>Other Report / Document</td>
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BP/REDWOOD OIL 110 (Continued)
Global Id: T060977408
Action Type: RESPONSE
Date: 08/25/2003
Action: Soil and Water Investigation Workplan

Global Id: T060977408
Action Type: RESPONSE
Date: 09/25/2003
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T060977408
Action Type: RESPONSE
Date: 09/25/2003
Action: Other Report / Document

Global Id: T060977408
Action Type: REMEDIATION
Date: 02/12/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 09/13/2017
Action: Email Correspondence

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 06/16/2017
Action: Email Correspondence

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: Staff Letter

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 06/27/2008
Action: Staff Letter

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: ENFORCEMENT
BP/REDWOOD OIL 110 (Continued)

- **Date:** 02/16/2015
  - Action: Technical Correspondence / Assistance / Other
  - Global Id: T060977408
  - Action Type: ENFORCEMENT
  - Date: 10/07/2013
  - Action: Site Visit / Inspection / Sampling

- **Date:** 12/05/2013
  - Action: Other Report / Document
  - Global Id: T060977408
  - Action Type: RESPONSE

- **Date:** 09/16/2003
  - Action: Staff Letter
  - Global Id: T060977408
  - Action Type: ENFORCEMENT
  - Date: 11/18/2016
  - Action: Notification - Public Notice of Case Closure

- **Date:** 07/10/2006
  - Action: Staff Letter
  - Global Id: T060977408
  - Action Type: ENFORCEMENT
  - Date: 02/21/2017
  - Action: Technical Correspondence / Assistance / Other

- **Date:** 10/18/2016
  - Action: Technical Correspondence / Assistance / Other
  - Global Id: T060977408
  - Action Type: ENFORCEMENT
  - Date: 08/01/2017
  - Action: Remedial Progress Report

- **Date:** 08/01/2017
  - Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded
  - Global Id: T060977408
  - Action Type: RESPONSE

- **Date:** 11/05/2013
  - Action: Site Visit / Inspection / Sampling
  - Global Id: T060977408
  - Action Type: ENFORCEMENT
  - Date: 11/19/2013
  - Action: Waste Discharge Requirements - #R1-2006-0107
BP/REDWOOD OIL 110 (Continued)

Global Id: T060977408
Action Type: REMEDIATION
Date: 04/10/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T060977408
Action Type: REMEDIATION
Date: 04/10/2000
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2015
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T060977408
Action Type: RESPONSE
Date: 10/04/2010
Action: Other Report / Document - Regulator Responded

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2010
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T060977408
Action Type: RESPONSE
Date: 05/07/2006
Action: Well Installation Workplan - Regulator Responded

Global Id: T060977408
Action Type: RESPONSE
Date: 06/27/2006
Action: Other Report / Document - Regulator Responded

Global Id: T060977408
Action Type: RESPONSE
Date: 08/30/2014
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2015
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2016
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 03/23/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T060977408
Action Type: RESPONSE
BP/REDWOOD OIL 110 (Continued)

Date: 08/01/2017
Action: Sensitive Receptor Survey Report

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Staff Letter

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Staff Letter

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 10/30/2016
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
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Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
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Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2017
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 10/30/2017
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 01/30/2018
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 04/30/2018
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 07/30/2018
Action: Monitoring Report - Quarterly
BP/REDWOOD OIL 110 (Continued)

Global Id: T060977408
Action Type: RESPONSE
Date: 07/24/1996
Action: Phase I Assessment Report

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 01/17/2017
Action: Notification - Public Notice of Case Closure

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 03/22/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T060977408
Action Type: RESPONSE
Date: 10/15/2003
Action: File Review - Closure

Global Id: T060977408
Action Type: RESPONSE
Date: 04/08/2013
Action: Monitoring Report - Quarterly

Global Id: T060977408
Action Type: RESPONSE
Date: 04/24/2006
Action: * No Action

Global Id: T060977408
Action Type: ENFORCEMENT
Date: 05/03/2006
Action: Staff Letter

LUST:

Global Id: T060977408
Status: Open - Case Begin Date
Status Date: 11/09/1988

Global Id: T060977408
Status: Open - Site Assessment
Status Date: 11/09/1988

Global Id: T060977408
Status: Open - Site Assessment
Status Date: 11/01/2001

Global Id: T060977408
Status: Open - Site Assessment
Status Date: 10/18/2002
**BP/REDWOOD OIL 110 (Continued)**

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**LUST REG 1:**
- Region: 1
- Facility ID: 1TSO254
- Staff Initials: WTE

**SLIC:**
- Region: STATE
- **Facility Status:** Completed - Case Closed
- Status Date: 04/02/2012
- Global Id: SL609792528
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Lead Agency Case Number: Not reported
- Latitude: 38.4296057535038
- Longitude: -122.728593349457
- Case Type: Cleanup Program Site
- Case Worker: ZZZ
- Local Agency: Not reported
- RB Case Number: 1NSO254
- File Location: Regional Board
- Potential Media Affected: Not reported
- Potential Contaminants of Concern: * Petroleum - Automotive gasolines
- Site History: See Sebastopol Road Commingled Plume Group.

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

**EMI:**
- **Year:** 2002
BP/REDWOOD OIL 110 (Continued)

County Code: 49
Air Basin: SF
Facility ID: 12613
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: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2004
County Code: 49
Air Basin: SF
Facility ID: 12613
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: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2005
County Code: 49
Air Basin: SF
Facility ID: 12613
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
BP/REDWOOD OIL 110 (Continued)

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2006
County Code: 49
Air Basin: SF
Facility ID: 12613
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: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2007
County Code: 49
Air Basin: SF
Facility ID: 12613
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: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2008
County Code: 49
Air Basin: SF
Facility ID: 12613
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: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
BP/REDWOOD OIL 110 (Continued)  S101304990

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO254NUG

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO254

N62  SEBASTOPAL B.P.  Notify 65  S100179311
NNE  760 SEBASTOPAL  N/A
1/4-1/2  SANTA ROSA, CA  93582
0.436 mi.  Site 6 of 9 in cluster N
2303 ft.  Relative: Higher
NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

N63  REDWOOD OIL CO  Cortese  S112881787
NNE  760 SEBASTOPOL RD  HAZNET  N/A
1/4-1/2  SANTA ROSA, CA  95407
0.436 mi.  Site 7 of 9 in cluster N
2303 ft.  Relative: Higher
CORTESE:
Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Env Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
REDWOOD OIL CO (Continued)

File Name: Cease Desist Orders & Cleanup Abatement Orders

HAZNET:
- envid: S112881787
- Year: 1998
- GEPAID: CAC001315664
- Contact: REDWOOD OIL CO
- Telephone: 7075460766
- Mailing Name: Not reported
- Mailing Address: PO BOX 428
- Mailing City,St,Zip: SANTA ROSA, CA 954020000
- Gen County: Not reported
- TSD EPA ID: CAD009466392
- TSD County: Not reported
- Waste Category: Other empty containers 30 gallons or more
- Disposal Method: Recycler
- Tons: 6.0000
- Cat Decode: Not reported
- Method Decode: Not reported
- Facility County: Sonoma

REDWOOD OIL CO
SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME
SEBASTOPOL ROAD
1/4-1/2
SANTA ROSA, CA 95407
0.438 mi.
2310 ft.
Site 8 of 9 in cluster N

Relative: Higher
Actual: 142 ft.

SLIC: STATE
Region: SLIC REG 1:
- Region: 1
- Facility ID: 1NSR349
- Staff Initials: SKB

Facility Status: Open - Inactive
- Status Date: 06/22/2017
- Global Id: T0609793446
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Lead Agency Case Number: Not reported
- Latitude: 38.4297801502786
- Longitude: -122.728925943374
- Case Type: Cleanup Program Site
- Case Worker: RBD
- Local Agency: SONOMA COUNTY
- RB Case Number: 1NSR349
- File Location: Regional Board
- Potential Media Affected: Well used for drinking water supply
- Potential Contaminants of Concern: * Solvents
- Site History: This entry in Geotracker is not an actual Cleanup Program site, but rather a tool used historically as part of evaluating groundwater contamination in the area. Several sites are located within this area and are addressed as separate case numbers. Oversight of groundwater contamination in this area is now through the individual site cases. However, this Geotracker entry includes some historic documents under the site documents tab.

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

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>SLIC</th>
<th>EDR ID</th>
<th>EPA ID</th>
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#### STATEREG 1:

**INDUSTRIAL MACHINE & ENGINE RP**

**Site:** 928 DUTTON AVENUE, NORTH
**City:** SANTA ROSA, CA  95401

- **Facility Status:** Open - Inactive
- **Status Date:** 03/05/2009
- **Global Id:** T0609793214
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Lead Agency Case Number:** Not reported
- **Latitude:** 38.4420731702911
- **Longitude:** -122.728627380981
- **Site History:** Waste Oil / Motor / Hydraulic / Lubricating
- **Click here to access the California GeoTracker records for this facility:**

**SLIC REG 1:**

- **Region:** 1
- **Facility ID:** 1NSR146
- **Staff Initials:** WTE

#### STATEREG 1:

**SANTA ROSA DPW SEWER-ROSELAND**

**Site:** ROSELAND AVENUE
**City:** SANTA ROSA, CA  95407

- **Facility Status:** Completed - Case Closed
- **Status Date:** 04/02/2009
- **Global Id:** T0609793310
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Lead Agency Case Number:** Not reported
- **Latitude:** 38.4303196861951
- **Longitude:** -122.732603944775
- **Site History:** Not reported
- **Click here to access the California GeoTracker records for this facility:**

**SLIC REG 1:**

- **Region:** 1
### SANTA ROSA DPW SEWER-ROSELAND (Continued)

<table>
<thead>
<tr>
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<th>1NSR242</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff Initials</td>
<td>WTE</td>
</tr>
</tbody>
</table>

#### Site History:
The site was the former Hill/Roseland/Payless Cleaners at 761 Sebastopol Road from approximately 1965 through 1971. The facility performed onsite dry cleaning in the western part of the building, and Monty’s Launderette occupied the eastern half (at least through 1977). The site was located in an almost 7-acre neighborhood shopping center parcel. The dry cleaner/launderette building was demolished in 2009, and four other buildings on this parcel were demolished in late 2014 to early 2015, leaving only one large commercial structure. The site is paved. A gasoline station was investigated and remediated for fuel releases on the same parcel, and the case was closed in 2017 (Geotracker ID T0609700174). A release of PCE from the former dry cleaning facility was discovered in 2002 during a sanitary sewer assessment and underground utility survey. Several soil, soil gas, and groundwater investigations were conducted at the site since 2002. These have included installation of groundwater monitoring wells, borings, and completion of a sensitive receptor survey. Limited soil excavation was completed after removal of the former dryer building in 2009, and additional source area soil excavation was done in 2015.

Click here to access the California GeoTracker records for this facility:
### P68  HOLLAND CLEANERS  700 SEBASTOPOL ROAD  SANTA ROSA, CA  95407
- **SLIC:** N/A
- **EPA ID Number:** S106487417
- **Distance:** 0.451 mi.
- **Elevation:** 2380 ft.
- **Site:** Site 1 of 3 in cluster P

#### Site History:
- Former dry cleaner operated 1961 - 1981. April 2013 groundwater analysis did not identify any contaminants of concern.

#### Potential Contaminants of Concern:
- Tetrachloroethylene (PCE)

#### Potential Media Affected:
- Well used for drinking water supply

#### Facility Status:
- Completed - Case Closed

### Q69  PHOENIX WINDOWS  1733 SEBASTOPOL  SANTA ROSA, CA  95407
- **CA FID UST:** S101595352
- **Cortese Code:** N/A
- **CUPA Listings:** ENF
- **Distance:** 0.452 mi.
- **Elevation:** 2388 ft.
- **Site:** Site 1 of 3 in cluster Q

#### Facility Status:
- Completed - Case Closed

#### Potential Contaminants of Concern:
- Tetrachloroethylene (PCE)

#### Facility Type:
- Cleanup Program Site

#### Local Agency:
- NORTH COAST RWQCB (REGION 1)

#### Lead Agency Case Number:
- Not reported

#### Lead Agency Case Number:
- Not reported

#### Status Date:
- 01/13/2014

#### Site Code:
- Not reported

#### Status:
- Active

---

Click here to access the California GeoTracker records for this facility:
PHOENIX WINDOWS (Continued)  S101595352

Latitude:  Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: 01/01/1986
Region 2: 1
WID Id: 1B1S0463NUG
Solid Waste Id No: Not reported
Waste Management Unit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

CUPA SONOMA:
Facility ID: 49-000-007277
Permit: Not reported
Type: Hazardous Waste
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: SQG Recyclable - < 5 gallons/month (non-exempt)
CERS ID: 10111381
Expiration Date: 04/18/2015

Facility ID: 49-000-007277
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 3
CERS ID: 10111381
Expiration Date: 04/18/2015

ENF:
Region: 1
Facility Id: 205214
Agency Name: Almetco Inc.
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 38.427367
Place Longitude: -122.738955
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
PHOENIX WINDOWS (Continued) S101595352

- 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: Reg Meas
- Design Flow: Not reported
- Threat To Water Quality: Not reported
- Complexity: Not reported
- Pretreatment: Not reported
- Facility Waste Type: Contaminated ground water
- Facility Waste Type 2: Not reported
- Facility Waste Type 3: Not reported
- Facility Waste Type 4: Not reported
- Program: UST
- Program Category1: TANKS
- Program Category2: TANKS
- # Of Programs: 1
- WDID: 1B1S0463NUG
- Reg Measure Id: 155939
- Reg Measure Type: Unregulated
- Region: 1
- 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
- Status: Historical
- Status Date: 04/02/2013
- Effective Date: 01/01/1986
- Expiration/Review Date: Not reported
- Termination Date: 09/19/2005
- 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: 1
- Fee Code: Not reported
- Direction/Voice: Passive
- Enforcement Id(EID): 222248
- Region: 1
- Order / Resolution Number: 86-195
- Enforcement Action Type: Clean-up and Abatement Order
- Effective Date: 11/04/1986
- Adoption/Issuance Date: 11/04/1986
- Achieve Date: Not reported
### PHOENIX WINDOWS (Continued)

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<td>Title:</td>
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**Q70 ALMETCO**

**SEMS-ARCHIVE 1000707592**

**LUST CAD983644956**

**1733 SEBASTOPOL ROAD**

**SANTA ROSA, CA 95407**

**1/4-1/2 0.452 mi. 2388 ft.**

**Site 2 of 3 in cluster Q**

**SEMS Archive:**

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<tr>
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<td>CAD983644956</td>
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**Cong District:**

1

**FIPS Code:**

6097

**Non NPL Status:**

Not on the NPL

**NFRAP-Site does not qualify for the NPL based on existing information**

**SEMS Archive Detail:**

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**TC5195822.2s Page 227**
### ALMETCO (Continued)

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**LUST REG 1:**
- **Region:** 1
- **Facility ID:** 1TSO463
- **Staff Initials:** SKB

---

**Q71 ALMETCO**

1733 SEBASTOPOL RD
SANTA ROSA, CA 95401

0.452 mi. 2388 ft. Site 3 of 3 in cluster Q

**Relative:** Higher
**Actual:** 131 ft.

**ENVIROSTOR**
- **Facility ID:** 49330001
- **Status:** Refer: RWQCB
- **Status Date:** 09/27/1993
- **Site Code:** Not reported
- **Site Type:** Historical
- **Site Type Detailed:** * Historical
- **Acres:** Not reported
- **NPL:** NO
- **Regulatory Agencies:** NONE SPECIFIED
ALMETCO (Continued) S101304982

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.42828
Longitude: -122.7389
APN: 125-082-025
Past Use: NONE SPECIFIED
Potential COC: Chromium VI
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 125-082-025
Alias Type: APN
Alias Name: T0609791135
Alias Type: GeoTracker Global ID
Alias Name: 49330001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/10/1988
Comments: FACILITY IDENTIFIED SONOMA COUNTY EH - CHROME PLATING FLUID DISP ON TO SOIL

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

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700329
Global Id: T0609700329
Latitude: 38.428743
Longitude: -122.738912
Status: Completed - Case Closed
Status Date: 09/19/2005
ALMETCO (Continued)

Case Worker: ZZZ
RB Case Number: 1TS0463
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700329
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700329
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700329
Action Type: ENFORCEMENT
Date: 06/02/2005
Action: Notification - Public Notice of Case Closure

Global Id: T0609700329
Action Type: ENFORCEMENT
Date: 08/02/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700329
Action Type: Other
Date: 08/30/1991
Action: Leak Stopped

Global Id: T0609700329
Action Type: Other
Date: 08/30/1991
Action: Leak Reported

Global Id: T0609700329
Action Type: Other
Date: 08/30/1991
Action: Leak Discovery

Global Id: T0609700329
Action Type: ENFORCEMENT
Date: 09/19/2005
ALMETCO (Continued)

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**LUST:**
- Global Id: T0609700329
- Status: Open - Case Begin Date
- Status Date: 08/30/1991
- Global Id: T0609700329
- Status: Open - Site Assessment
- Status Date: 08/30/1991
- Global Id: T0609700329
- Status: Open - Site Assessment
- Status Date: 12/26/2000
- Global Id: T0609700329
- Status: Open - Site Assessment
- Status Date: 04/27/2001
- Global Id: T0609700329
- Status: Completed - Case Closed
- Status Date: 09/19/2005

**SLIC:**
- Region: STATE
- Facility Status: Completed - Case Closed
- Status Date: 09/19/2005
- Global Id: T0609791135
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Lead Agency Case Number: Not reported
- Latitude: 38.428743
- Longitude: -122.738912
- Case Type: Cleanup Program Site
- Case Worker: ZZZ
- Local Agency: SONOMA COUNTY
- RB Case Number: 1NSO463
- File Location: Regional Board
- Potential Media Affected: Well used for drinking water supply
- Potential Contaminants of Concern: Chromium, * Solvents
- Site History: Not reported

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

**SLIC REG 1:**
- Region: 1
- Facility ID: 1NSO463
- Staff Initials: SKB

**EMI:**
- Year: 1990
- County Code: 49
- Air Basin: SF
- Facility ID: 3965
- Air District Name: BA
### ALMETCO (Continued)

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<td>Consolidated Emission Reporting Rule:</td>
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<td>Total Organic Hydrocarbon Gases Tons/Yr:</td>
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<td>Reactive Organic Gases Tons/Yr:</td>
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<td>Carbon Monoxide Emissions Tons/Yr:</td>
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### HIST CORTESE:

| Region: | CORTESE |
| Facility County Code: | 49 |
| Reg By: | LTNKA |
| Reg Id: | 1TSO463 |

| Region: | CORTESE |
| Facility County Code: | 49 |
| Reg By: | WBC&D |
| Reg Id: | 1B870290NSL |

### ALMETCO

| NPDES Number: | CAS000002 |
| Facility Status: | Terminated |
| Agency Id: | 0 |
| Region: | 1 |
| Regulatory Measure Id: | 450473 |
| Order No: | 2009-0009-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place Id: | Not reported |
| WDID: | 1 49C371306 |
| Program Type: | Construction |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 10/30/2014 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 10/27/2015 |
| Discharge Name: | Sonoma County Community Development Commission |
| Discharge Address: | 1440 Guerneville Road |
| Discharge City: | Santa Rosa |
ROSELAND VILLAGE SHOPING CENTER  (Continued)
ROSELAND VILLAGE SHOPING CENTER (Continued)

TERTIARY SIC: Not reported
Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 1
Regulatory Measure Id: 450473
Order No: Not reported
Regulatory Measure Type: Construction
Place Id: Not reported
WDID: 1 49C371306
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 10/27/2015
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 10/29/2014
PROCESSED DATE: 10/30/2014
STATUS CODE NAME: Terminated
STATUS DATE: 10/27/2015
PLACE SIZE: 2
PLACE SIZE UNIT: Acres
FACILITY CONTACT NAME: Kathleen Kane
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: 707-565-7505
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: kathleen.kane@sonoma-county.org
OPERATOR NAME: Sonoma County Community Development Commission
OPERATOR ADDRESS: 1440 Guerneville Road
OPERATOR CITY: Santa Rosa
OPERATOR STATE: California
OPERATOR ZIP: 95403
OPERATOR CONTACT NAME: Kathleen Kane
OPERATOR CONTACT TITLE: Executive Director
OPERATOR CONTACT PHONE: 707-565-7505
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: kathleen.kane@sonoma-county.org
OPERATOR TYPE: County Agency
DEVELOPER NAME: Sonoma County Community Development Commission
DEVELOPER ADDRESS: 1440 Guerneville Road
DEVELOPER CITY: Santa Rosa
DEVELOPER STATE: California
DEVELOPER ZIP: 95403
DEVELOPER CONTACT NAME: Kathleen Kane
DEVELOPER CONTACT TITLE: Executive Director
CONSTYPE LINEAR UTILITY IND: N
EMERGENCY PHONE NO: 7075657505
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: N
CONSTYPE BELOW GROUND IND: N
CONSTYPE CABLE LINE IND: N
CONSTYPE COMM LINE IND: N
ROSELAND VILLAGE SHOPING CENTER (Continued)

CONSTYPE COMMERTIAL IND: Y
CONSTYPE ELECTRICAL LINE IND: N
CONSTYPE GAS LINE IND: N
CONSTYPE INDUSTRIAL IND: N
CONSTYPE OTHER DESCRIPTION: Not reported
CONSTYPE OTHER IND: N
CONSTYPE RECONS IND: N
CONSTYPE RESIDENTIAL IND: N
CONSTYPE TRANSPORT IND: N
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: N
CONSTYPE WATER SEWER IND: N
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: LAGUNA DE SANTA ROSA & RUSSIAN RIVER
CERTIFIER NAME: Kirsten Larsen
CERTIFIER TITLE: Community Development Associate
CERTIFICATION DATE: 29-OCT-14
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

73
STEINOCHER, DANIEL G & LI
WNW
969 KENMORE
1/4-1/2
SANTA ROSA, CA 95407
0.473 mi.
2499 ft.

Relative: Lower
Actual: 122 ft.
HIST CORTESE:
Region: CORTESE
Facility County Code: 18
Reg By: WBC&D
Reg Id: 6A189104N06

Region: CORTESE
Facility County Code: 18
Reg By: WBC&D
Reg Id: 6A189104N07

P74
CLEANING MART
NNE
651 SEBASTOPOL ROAD
1/4-1/2
SANTA ROSA, CA 95401
0.476 mi.
2511 ft.
Site 3 of 3 in cluster P
Relative: Higher
Actual: 144 ft.
SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/27/2005
Global Id: SL0609797962
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4308799146016
Longitude: -122.727782797623
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
### CLEANING MART (Continued)

<table>
<thead>
<tr>
<th>RB Case Number:</th>
<th>1NSR427</th>
</tr>
</thead>
<tbody>
<tr>
<td>File Location:</td>
<td>Regional Board</td>
</tr>
<tr>
<td>Potential Media Affected:</td>
<td>Aquifer used for drinking water supply</td>
</tr>
<tr>
<td>Potential Contaminants of Concern:</td>
<td>* Solvents</td>
</tr>
<tr>
<td>Site History:</td>
<td>Drop off location for dry cleaning. No on-site cleaning conducted.</td>
</tr>
</tbody>
</table>

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

---

### FRONTIER ELECTRIC

<table>
<thead>
<tr>
<th>Case Type:</th>
<th>LUST Cleanup Site</th>
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<tbody>
<tr>
<td>Lead Agency:</td>
<td>NORTH COAST RWQCB (REGION 1)</td>
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<tr>
<td>Global Id:</td>
<td>T0609700055</td>
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<td>38.4297493</td>
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<tr>
<td>Longitude:</td>
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<td>Status Date:</td>
<td>02/20/2007</td>
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<td>Case Worker:</td>
<td>ZZZ</td>
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<td>RB Case Number:</td>
<td>1TS0082</td>
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<td>Local Agency:</td>
<td>SONOMA COUNTY</td>
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<td>File Location:</td>
<td>Regional Board</td>
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<td>Local Case Number:</td>
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<tr>
<td>Potential Media Affected:</td>
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<td>Potential Contaminants of Concern:</td>
<td>Gasoline</td>
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<tr>
<td>Site History:</td>
<td>Not reported</td>
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</table>

**LUST**

- Contact Type: Regional Board Caseworker
- Contact Name: REGIONAL WATER BOARD SITE CLOSED
- Organization Name: NORTH COAST RWQCB (REGION 1)
- Address: 5550 SKYLANE BOULEVARD, SUITE A
- City: SANTA ROSA
- Email: craig.hunt@waterboards.ca.gov
- Phone Number: 7075762220

**LUST**

- Global Id: T0609700055
- Action Type: ENFORCEMENT
- Date: 02/20/2007
- Action: Closure/No Further Action Letter

- Global Id: T0609700055
- Action Type: Other
- Date: 08/24/1987
- Action: Leak Stopped

- Global Id: T0609700055
- Action Type: Other
- Date: 08/24/1987
- Action: Leak Reported
<table>
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<tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>Date:</td>
<td>01/16/2002</td>
</tr>
<tr>
<td>Action:</td>
<td>Other Workplan</td>
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<table>
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<tr>
<td>Date:</td>
<td>07/23/2001</td>
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<td>Action:</td>
<td>Soil and Water Investigation Workplan</td>
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<td>Date:</td>
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<tr>
<td>Date:</td>
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<td>Action:</td>
<td>Monitoring Report - Quarterly</td>
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<td>Date:</td>
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<td>Action:</td>
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<td>Action:</td>
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<td>Date:</td>
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<td>Date</td>
<td>Action</td>
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<td>01/08/2004</td>
<td>Staff Letter</td>
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<td>07/12/2006</td>
<td>Staff Letter</td>
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<td>03/29/2001</td>
<td>Staff Letter</td>
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<td>01/21/2002</td>
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<td>Notification - Public Notice of Case Closure</td>
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<td>01/08/2004</td>
<td>Staff Letter</td>
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<td>10/03/2002</td>
<td>Monitoring Report - Quarterly</td>
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<td>Staff Letter</td>
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<td>Notification - Public Notice of Case Closure</td>
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<td>Other Report / Document</td>
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**FRONTIER ELECTRIC (Continued)**

U001609537
FRONTIER ELECTRIC (Continued)  U001609537

Global Id: T0609700055
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 11/21/2001
Action: Staff Letter

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 09/18/1998
Action: * Historical Enforcement

LUST:
Global Id: T0609700055
Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700055
Status: Open - Site Assessment
Status Date: 08/28/1987

Global Id: T0609700055
Status: Open - Site Assessment
Status Date: 02/07/2000

Global Id: T0609700055
Status: Open - Site Assessment
Status Date: 07/23/2001

Global Id: T0609700055
Status: Completed - Case Closed
Status Date: 02/20/2007

SWEEPS UST:
Status: Active
Comp Number: 65501
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #1
SWRCB Tank Id: 49-060-065501-000001
Tank Status: A
Capacity: 2000
Active Date: 07-01-85
Tank Use: M.V. FUEL
### FRONTIER ELECTRIC (Continued)

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<tr>
<th>STG:</th>
<th>P</th>
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<tbody>
<tr>
<td>Content:</td>
<td>LEADED</td>
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<tr>
<td>Number Of Tanks:</td>
<td>2</td>
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</tbody>
</table>

- **Status:** Active
- **Comp Number:** 65501
- **Number:** 9
- **Board Of Equalization:** Not reported
- **Referral Date:** 07-01-85
- **Action Date:** Not reported
- **Created Date:** 02-29-88
- **Owner Tank Id:** 2
- **SWRCB Tank Id:** 49-060-065501-000002
- **Tank Status:** A
- **Capacity:** 550
- **Active Date:** 07-01-85
- **Tank Use:** M.V. FUEL
- **STG:** P
- **Content:** LEADED
- **Number Of Tanks:** Not reported

#### HIST UST:

- **File Number:** 00021BB6
- **Region:** STATE
- **Facility ID:** 00000065501
- **Facility Type:** Other
- **Other Type:** ELECTRIC
- **Contact Name:** LARRY LEEPIN
- **Telephone:** 7075461553
- **Owner Name:** MEL JOHNSON
- **Owner Address:** 1599 HAMPTON WAY
- **Owner City, St, Zip:** SANTA ROSA, CA 95407
- **Total Tanks:** 0002

#### Tank

- **Tank Num:** 001
- **Container Num:** #1
- **Year Installed:** 1970
- **Tank Capacity:** 00002000
- **Tank Used for:** PRODUCT
- **Type of Fuel:** REGULAR
- **Container Construction Thickness:** 10
- **Leak Detection:** Visual, Stock Inventor

- **Tank Num:** 002
- **Container Num:** 2
- **Year Installed:** 1970
- **Tank Capacity:** 00000550
- **Tank Used for:** PRODUCT
- **Type of Fuel:** REGULAR
- **Container Construction Thickness:** 10
- **Leak Detection:** Visual, Stock Inventor

Click here for Geo Tracker PDF:

### HIST CORTESE:
FRONTIER ELECTRIC (Continued)

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TS0082

76 ENE SANTA ROSA CIRCUITS 53 AND 40 WEST BARHAM AVENUE
SANTA ROSA, CA  95407
0.541 mi.
2858 ft.

ENVIROSTOR:

Facility ID: 49360001
Status: Refer: RWQCB
Status Date: 03/25/2008
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 38.42629
Longitude: -122.7220
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * OTHER INORGANIC SOLID WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49360001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/18/1987
Comments: FACILITY IDENTIFIED INFO ACQUIRED FROM DHS FILES. SITE SCREENING DONE MORE INFO NEEDED TO DETERMINE THE HAZARD POTENTIAL. CONTACT: EILEEN KORTAS FIRE DEPT.,955 SONOMA AVE., SANTA ROSA, CA. (707) 576-5311.
Soil cleanup was conducted and approved by the Santa Rosa Fire Department and the North Coast Water Board on March 23 and March 30, 2005 respectively. Soil was contaminated with motor oil and lead. Groundwater results for volatile organic compounds and selected metals were below the Maximum Contaminant Levels (MCLs).

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

NOTIFY 65:
Date Reported: 19930126
Staff Initials: SAW
Board File Number: 0TZ930000
Facility Type: UNKNOWN
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TERTRACHLORIDE & CHLOROFORM

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

Date Reported: 19930126
Staff Initials: SAW
Board File Number: 0TZ930000
Facility Type: UNKNOWN
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TERTRACHLORIDE & CHLOROFORM
<table>
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<tr>
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<th>Distance</th>
<th>Site Code</th>
<th>Status</th>
<th>Facility ID</th>
<th>Status Date</th>
<th>Site</th>
<th>Actual</th>
<th>Incident Description</th>
</tr>
</thead>
</table>
| 78     | NE        | 0.610 mi. | EXCHANGE BANK DATA CENTER | Notify 65 | 320 SEBASTOPAL | 3219 ft. | SANTA ROSA, CA 93582 | 148 ft. | NOTIFY 65:
|        | 1/2-1     |          |           |        |             |             |      |        | Date Reported: Not reported Staff Initials: Not reported Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported |
| 79     | NNE       | 0.610 mi. | 258 DUTTON | Notify 65 | 258 DUTTON | 3223 ft. | SANTA ROSA, CA 95407 | 145 ft. | NOTIFY 65:
|        | 1/2-1     |          |           |        |             |             |      |        | Date Reported: 19930616 Staff Initials: SAW Board File Number: 0TZ930001 Facility Type: UNKNOWN Discharge Date: Not reported Issue Date: Not reported Incident Description: RWQCB SAMPLED DOMESTIC WELL AT 258 DUTTON AND CONFIRMED CONTAMINATION WITH CARBON TETRACHLORIDE. |
| 80     | SW        | 0.616 mi. | OPTICAL COATING LABORATORY INC | Notify 65 | STORMDRAIN @ NORTHPOINT | 3250 ft. | SANTA ROSA, CA 93582 | 112 ft. | NOTIFY 65:
|        | 1/2-1     |          |           |        |             |             |      |        | Date Reported: Not reported Staff Initials: Not reported Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported |
| 81     | SSW       | 0.642 mi. | REDWOOD CHEMICAL | ENVIROSTOR | 2450 STONEY POINT ROAD | 3392 ft. | SANTA ROSA, CA 95407 | 115 ft. | ENVIROSTOR:
|        | 1/2-1     |          |           |        |             |             |      |        | Facility ID: 49280008 Status: Refer: Local Agency Status Date: 03/25/2008 Site Code: Not reported |
REDWOOD CHEMICAL (Continued) 1000592019

Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: CITY OF SANTA ROSA
Lead Agency: CITY OF SANTA ROSA
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 38.41388
Longitude: -122.7379
APN: 125-521-009, 125-521-010
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BUDS MANUFACTURING COMPANY
Alias Type: Alternate Name
Alias Name: 125-521-009
Alias Type: APN
Alias Name: 125-521-010
Alias Type: APN
Alias Name: 49280008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/23/1988
Comments: FACILITY IDENTIFIED RWQCB COMPLAINT 3/13/80 - DISCH TO DITCH

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1988
Comments: SITE SCREENING DONE POSS ONITE CONTAM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/25/2008
Comments: Investigations and cleanup were conducted and a No Further Action letter was issued by the Santa Rosa Fire Dept. on May 26, 1998.

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
REDWOOD CHEMICAL (Continued)

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

82
MEADOW VIEW EXPANSION, HEARN AVE. PARCELS

South
1/2-1
0.657 mi.
3470 ft.

Relative: Lower
Actual: 122 ft.

ENVIROSTOR: Facility ID: 60001963
Status: Inactive - Withdrawn
Status Date: 04/09/2015
Site Code: 204260
Site Type: School Investigation
Site Type Detailed: School
Acres: 6.9
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jose Salcedo
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: 10
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.41375
Longitude: -122.7309
APN: 043072014, 043072015
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Under Investigation
Confirmed COC: Under Investigation
Potential Description: SOIL
Alias Name: 043072014
Alias Type: APN
Alias Name: 043072015
Alias Type: APN
Alias Name: 204260
Alias Type: Project Code (Site Code)
Alias Name: 60001963
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/24/2014
Comments: EOA signed by UC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 06/18/2014
Comments: Not reported
MEADOW VIEW EXPANSION, HEARN AVE. PARCELS (Continued)

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

SCH:

Facility ID: 60001963
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 6.9
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jose Salcedo
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204260
Assembly: 10
Senate: 02
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 04/09/2015
Restricted Use: NO
Funding: School District
Latitude: 38.41375
Longitude: -122.7309
APN: 043072014, 043072015
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Under Investigation
Confirmed COC: Under Investigation
Potential Description: SOIL
Alias Name: 043072014
Alias Type: APN
Alias Name: 043072015
Alias Type: APN
Alias Name: 204260
Alias Type: Project Code (Site Code)
Alias Name: 60001963
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/24/2014
Comments: EOA signed by UC.
MEADOW VIEW EXPANSION, HEARN AVE. PARCELS (Continued)

Completed Document Type: Amendment - Order/Agreement
Completed Date: 06/18/2014
Comments: Not reported

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

SHELL SERVICE STATION, DUTTON AVENUE

R83 NNE 1/2-1 0.664 mi. 3508 ft. Site 1 of 3 in cluster R

LUST: Notify 65
SLIC: N/A
EMI: ENF

Relative: Higher
Actual: 148 ft.

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700053
Global Id: T0609700053
Latitude: 38.4323169790114
Longitude: -122.725556111008
Status: Open - Verification Monitoring
Status Date: 05/27/2015
Case Worker: RBD
RB Case Number: 1TS0079
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline

Site History: The Shell-branded service station and former DZ, Inc. petroleum fuel bulk plant, located at 255 and 257 Dutton Avenue, respectively, are sited in a commercial section of southwest Santa Rosa, California. The Shell station has been in operation since the early 1960s. The DZ site is a former Shell bulk plant, originally operated by Shell in the 1960s and sold in 1974 to DZ, Inc. The two adjacent properties are managed as one commingled plume site per a 2003 agreement between the responsible parties, and are currently enrolled in the California Underground Storage Tank Cleanup Fund.
# SHELL SERVICE STATION, DUTTON AVENUE (Continued)

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SHELL SERVICE STATION, DUTTON AVENUE (Continued)

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Date: 06/21/2007
Action: Staff Letter

Action: Staff Letter
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Action Type: RESPONSE
Date: 08/14/2015
Action: Monitoring Report - Semi-Annually

Action: Staff Letter
Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2016
Action: Monitoring Report - Semi-Annually

Action: Staff Letter
Global Id: T0609700053
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Date: 07/31/2016
Action: Monitoring Report - Semi-Annually

Action: File review
Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 04/21/2010
Action: Other

Action: Leak Stopped
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Date: 08/24/1987
Action: Monitoring Report - Semi-Annually

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Action Type: RESPONSE
Date: 07/31/2013
Action: Monitoring Report - Semi-Annually

Action: Monitoring Report - Semi-Annually
Global Id: T0609700053
Action Type: REMEDIATION
Date: 03/24/2009
Action: In Situ Physical/Chemical Treatment (other than SVE)

Action: Monitoring Report - Quarterly
Global Id: T0609700053
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Action: Staff Letter
Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/09/2015
Action: Staff Letter

Action: Email Correspondence
Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 10/08/2015
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Date:  10/01/2009
Action:  In Situ Physical/Chemical Treatment (other than SVE)

Global Id:  T0609700053
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Date:  07/31/2009
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Global Id:  T0609700053
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Action:  File review

Global Id:  T0609700053
Action Type:  ENFORCEMENT
Date:  07/31/2009
Action:  13267 Monitoring Program

Global Id:  T0609700053
Action Type:  RESPONSE
Date:  01/30/2009
Action:  Soil and Water Investigation Workplan

Global Id:  T0609700053
Action Type:  RESPONSE
Date:  07/30/2011
Action:  Monitoring Report - Semi-Annually

Global Id:  T0609700053
Action Type:  RESPONSE
Date:  06/23/2011
Action:  Soil and Water Investigation Workplan

Global Id:  T0609700053
Action Type:  REMEDIATION
Date:  12/13/2002
Action:  Pump & Treat (P&T) Groundwater

Global Id:  T0609700053
Action Type:  ENFORCEMENT
Date:  04/07/1999
Action:  Staff Letter

Global Id:  T0609700053
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Date:  04/07/2007
Action:  In Situ Physical/Chemical Treatment (other than SVE)

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Action:  Annual Estimation Letter
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Global Id: T0609700053  
Action Type: RESPONSE  
Date: 05/08/2009  
Action: Monitoring Report - Quarterly  

Global Id: T0609700053  
Action Type: RESPONSE  
Date: 03/05/2015  
Action: Staff Letter  

Global Id: T0609700053  
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Date: 06/25/2010  
Action: Soil and Water Investigation Workplan  

Global Id: T0609700053  
Action Type: ENFORCEMENT  
Date: 12/23/2009  
Action: File review  

Global Id: T0609700053  
Action Type: RESPONSE  
Date: 07/31/2010  
Action: Monitoring Report - Quarterly  

Global Id: T0609700053  
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Date: 04/30/2010  
Action: Monitoring Report - Quarterly  

Global Id: T0609700053  
Action Type: RESPONSE  
Date: 01/31/2011  
Action: Remedial Progress Report  

Global Id: T0609700053  
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Date: 10/21/1999  
Action: Corrective Action Plan / Remedial Action Plan  

Global Id: T0609700053  
Action Type: RESPONSE  
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Action: Remedial Progress Report  

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SHELL SERVICE STATION, DUTTON AVENUE  (Continued)  

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Action: CAP/RAP - Feasibility Study Report

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Action: Monitoring Report - Quarterly

Global Id: T0609700053  
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Action: Monitoring Report - Quarterly

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TC5195822.2s  Page 255
SHELL SERVICE STATION, DUTTON AVENUE  (Continued)

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Action: Other Report / Document

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Date: 03/05/2008
Action: Verbal Enforcement

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Action: Staff Letter

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**SHELL SERVICE STATION, DUTTON AVENUE** (Continued)

Global Id: T0609700053  
Status: Open - Remediation  
Status Date: 03/14/2008

Global Id: T0609700053  
Status: Open - Site Assessment  
Status Date: 07/20/2011

Global Id: T0609700053  
Status: Open - Verification Monitoring  
Status Date: 04/13/2012

Global Id: T0609700053  
Status: Open - Verification Monitoring  
Status Date: 05/27/2015

**LUST REG 1:**

Region: 1  
Facility ID: 1TSO079  
Staff Initials: WTE

**SLIC:**

Region: STATE  
Facility Status: Completed - Case Closed  
Status Date: 05/15/2009  
Global Id: SL0002014200  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 38.4322992775776  
Longitude: -122.725553065539  
Case Type: Cleanup Program Site  
Case Worker: ZZZ  
Local Agency: Not reported  
RB Case Number: 1NSO079  
File Location: Regional Board  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: * Petroleum - Automotive gasolines  
Site History: Electronic data reports for this co-mingled plume site are uploaded to the LUST case 1TSS0079. The site is the location of an active gas station where an investigation and cleanup is in progress for releases from underground storage tanks (USTs). Groundwater beneath this site has also been impacted by releases from the adjacent petroleum bulk plant. The site investigation and cleanup activities are being managed as a co-mingled plume. All case management activities and site investigation data related to the UST releases are being managed under the Geotracker Case # 1TSO079. The non-tank Geotracker case 1NSO079 is redundant and un-necessary and will be closed as an administrative action to improve utility of the Geotracker for documenting regulatory and cleanup activities.

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

**EMI:**

Year: 2007  
County Code: 49
SHELL SERVICE STATION, DUTTON AVENUE (Continued)

Air Basin: SF
Facility ID: 17692
Air District Name: BA
SIC Code: 1799
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: 2.67
Reactive Organic Gases Tons/Yr: 1.865262
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2008
County Code: 49
Air Basin: SF
Facility ID: 17692
Air District Name: BA
SIC Code: 1799
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: .261
Reactive Organic Gases Tons/Yr: .1823346
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2009
County Code: 49
Air Basin: SF
Facility ID: 17692
Air District Name: BA
SIC Code: 1799
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.56399999999999995
Reactive Organic Gases Tons/Yr: 0.39401039999999998
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2010
County Code: 49
Air Basin: SF
Facility ID: 17692
Air District Name: BA
SIC Code: 1799
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
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**SHELL SERVICE STATION, DUTTON AVENUE** (Continued)

| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9.6000000000000002E-2 |
| Reactive Organic Gases Tons/Yr: | 6.706560000000003E-2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOx - Oxides of Nitrogen Tons/Yr: | 0 |
| SOx - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**ENF:**

| Region: | 1 |
| Facility Id: | 256708 |
| Agency Name: | Not reported |
| Place Type: | Service/Commercial |
| Place Subtype: | Gasoline Service Station |
| Facility Type: | All other facilities |
| Agency Type: | Not reported |
| # Of Agencies: | Not reported |
| Place Latitude: | 38.43236 |
| Place Longitude: | -122.72549 |
| SIC Code 1: | 5541 |
| SIC Desc 1: | Gasoline Service Stations |
| 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 1: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | Not reported |
| Program Category 1: | Not reported |
| Program Category 2: | TANKS |
| # Of Programs: | Not reported |
| 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 |
SHELL SERVICE STATION, DUTTON AVENUE (Continued) S101304919

Application Fee Amt Received: Not reported
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 223845
Region: 1
Order / Resolution Number: 93-12301
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 12/14/1993
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 04/28/1994
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description: EXTENSIVE GROUNDWATER CONTAMINATION. CAO DIRECTS DISCHARGERS TO DEVELOP WORKPLAN FOR INVESTIGATION.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 256708
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.43236
Place Longitude: -122.72549
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
SHELL SERVICE STATION, DUTTON AVENUE (Continued)  

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: Not reported  
Program Category 1: Not reported  
Program Category 2: TANKS  
# Of Programs: Not reported  
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  
Status: Not reported  
Status Date: Not reported  
Effective Date: Not reported  
Expiration/Review Date: Not reported  
Termination Date: Not reported  
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: Not reported  
Individual/General: Not reported  
Fee Code: Not reported  
Direction/Voice: Not reported  
Enforcement Id(EID): 222769  
Region: 1  
Order / Resolution Number: LT941115  
Enforcement Action Type: Staff Enforcement Letter  
Effective Date: 11/15/1994  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 11/15/1994  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported
SHELL SERVICE STATION, DUTTON AVENUE (Continued)  S101304919

Status: Historical
Title: Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description: REQUESTING ACKNOWLEDGEMENT OF INTENT TO COVER COSTS FOR CLEANUP OVERSIGHT.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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

Region: 1
Facility Id: 256708
Agency Name: Shell Oil Company - San Bruno
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 38.43236
Place Longitude: -122.72549
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Contaminated ground water
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 1B1SO079NUG
Reg Measure Id: 154458
Reg Measure Type: Unregulated
Region: 1
Order #: Not reported
Npdes# CA#: Not reported
SHELL SERVICE STATION, DUTTON AVENUE (Continued) S101304919

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
Status: Active
Status Date: 04/23/2012
Effective Date: 08/24/1987
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 223546
Region: 1
Order / Resolution Number: R1-1998-0128
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 12/22/1998
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description: RESENT MERGER OF SHELL & TESACO AND NEED FOR A REMEDIAL ACTION PLAN FOR SITE.
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 256708
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.43236
Place Longitude: -122.72549
SIC Code 1: 5541

TC5195822.2s Page 265
SHELL SERVICE STATION, DUTTON AVENUE (Continued)  

SIC Desc 1: Gasoline Service Stations
SIC Code 2: Not reported
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SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
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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: Not reported
Program Category 1: Not reported
Program Category 2: TANKS
# Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
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Order #: Not reported
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Major-Minor: Not reported
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Application Fee Amt Received: Not reported
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
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WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 223442
Region: 1
Order / Resolution Number: 94-067
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 04/28/1994
SHELL SERVICE STATION, DUTTON AVENUE (Continued)  S101304919

Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 12/22/1998
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description: CAO REVISES 93-123; CAO RECOGNIZES THE CONTAMINATION AND REQUIRES INVESTIGATION & CLEANUP.

Program:
Latest Milestone Completion Date: Not reported
# Of Programs1: 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

Region: 1
Facility Id: 256708
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.43236
Place Longitude: -122.72549
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
SIC Code 2: Not reported
SIC Desc 2: Not reported
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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
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Program: Not reported
Program Category1: Not reported
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### ENVIROSTOR:  

| Facility ID | 49500004 |
| Status | Refer: RWQCB |
| Status Date | 09/27/1993 |
| Site Code | Not reported |
| Site Type | Historical |
| Site Type Detailed | * Historical |
FOUCHE AUTO WRECKERS (Continued)

Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.41731
Longitude: -122.7219
APN: 043-041-001
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 043-041-001
Alias Type: APN
Alias Name: T0609793108
Alias Type: GeoTracker Global ID
Alias Name: 49500004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/10/1988
Comments: FACILITY IDENTIFIED POLK DIR 1958

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/22/1988
Comments: SITE SCREENING DONE AUTO DISMANTLER, POSS ONSITE DISP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/06/2015
Comments: DTSC completed site reassessment on US EPA's behalf. Lead and volatile organic compounds were detected in soil and groundwater above screening levels. The North Coast Regional Water Quality Control Board is currently overseeing environmental cleanup. EPA determined that the site needed further assessment under CERCLA but at low priority as a state agency is currently overseeing cleanup.

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
FOUCHE AUTO WRECKERS (Continued) S108213818

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC:
Region: STATE
Facility Status: Open - Remediation
Status Date: 10/17/2014
Global Id: T0609793108
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4168209335305
Longitude: -122.722892388885
Case Type: Cleanup Program Site
Case Worker: BML
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO366
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: This site is comprised of three parcels totaling approximately 12.2 acres. Since the late 1940s up until 2000 or 2001, the site was operated as an auto wrecking yard by the Fouche family. Soil and groundwater at the site were affected by the auto wrecking activities. Soil cleanup work has been performed. Cleanup and Abatement Order No.R1-2016-0040 was issued by the Regional Water Board in 2016. Soil testing for lead and groundwater testing for HVOCs is ongoing under the CAO. The site is currently being developed into residential housing.

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

Notify 65 S100179177
85 ANGIE KENDALL
WSW 2611 GIFFEN AVENUE
1/2-1 SANTA ROSA, CA 93582
0.685 mi.
3616 ft.
3616 ft.
0.685 mi.
85
ANGIE KENDALL
2611 GIFFEN AVENUE
SANTA ROSA, CA 93582
Notify 65 S100179177
N/A

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
86
ENE
1/2-1
0.688 mi.
3634 ft.

SANTA ROSA PLATING WORKS
80 BARHAM AVE
SANTA ROSA, CA 95407

Relative: Higher
Actual: 146 ft.

ENVIROSTOR
S105754203
N/A

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/20/1988
Comments: FACILITY IDENTIFIED IND 1957

Future Info:
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
### SANTA ROSA PLATING WORKS (Continued)

Schedule Revised Date: Not reported

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**Site 2 of 3 in cluster R**

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**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** * Discovery
- **Completed Date:** 04/20/1988
- **Comments:** FACILITY IDENTIFIED RWQCB - COMPLAINT - 2/11/80 - OIL DISCH TO DRAINAGE

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**Future Info:**
- **Future Area Name:** Not reported
- **Future Sub Area Name:** Not reported
- **Future Document Type:** Not reported
- **Future Due Date:** Not reported
SHELL OIL WHOLESALE PLANT (Continued)

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

SLIC:
Region: State
Facility Status: Open - Site Assessment
Status Date: 04/27/1992
Global Id: T0609793187
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4325272372511
Longitude: -122.725105708967
Case Type: Cleanup Program Site
Case Worker: RBD
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO268
File Location: Regional Board
Potential Media Affected: Well used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: The Shell-branded service station and former DZ, Inc. petroleum fuel bulk plant, located at 255 and 257 Dutton Avenue, respectively, are sited in a commercial section of southwest Santa Rosa, California. The Shell station has been in operation since the early 1960s. The DZ site is a former Shell bulk plant, originally operated by Shell in the 1960s and sold in 1974 to DZ, Inc. The two adjacent properties are managed as one commingled plume site per a 2003 agreement between the responsible parties, and are currently enrolled in the California Underground Storage Tank Cleanup Fund.

Click here to access the California GeoTracker records for this facility:
SHELL OIL WHOLESALE PLANT (Continued)

- 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: Not reported
- Program Category 1: Not reported
- Program Category 2: TANKS
- # Of Programs: Not reported
- 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
- Status: Not reported
- Status Date: Not reported
- Effective Date: Not reported
- Expiration/Review Date: Not reported
- Termination Date: Not reported
- 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: Not reported
- Individual/General: Not reported
- Fee Code: Not reported
- Direction/Voice: Not reported
- Enforcement Id(EID): 225766
- Region: 1
- Order / Resolution Number: LT970320
- Enforcement Action Type: Staff Enforcement Letter
- Effective Date: 03/20/1997
- Adoption/Issuance Date: Not reported
- Achieve Date: Not reported
- Termination Date: 03/20/1997
- ACL Issuance Date: Not reported
- EPL Issuance Date: Not reported
- Status: Historical
- Title: Enforcement - 1B1SO268NSL Shell DZ Products Facility
- Description: 13304. REQUESTING ACKNOWLEDGEMENT OF INTENT TO RECOVER COSTS.
- Program: SLIC
SHELL OIL WHOLSALE PLANT (Continued)

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SHELL OIL WHOLESALE PLANT (Continued)  S100179421

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Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 225708
Region: 1
Order / Resolution Number: LT970611
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 06/11/1997
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 06/11/1997
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description: REQUESTING ACKNOWLEDGMENT OF INTENT TO RECOVER COSTS FOR OVERSIGHT.
Program: SLIC
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 220975
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.43254
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Direction/Voice: Not reported
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Region: 1
Order / Resolution Number: LT980305
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 03/05/1998
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 03/05/1998
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
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Description: REQUESTING ACKNOWLEDGMENT OF INTENT TO RECOVER COSTS FOR OVERSIGHT.
Program: SLIC
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Effective Date: 08/25/1994
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SHELL OIL WHOLSALE PLANT (Continued)

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SHELL OIL WHOLESALE PLANT (Continued)

Order / Resolution Number: 97-059
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 06/24/1997
Adoption/Issuance Date: 06/24/1997
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description: 13304. CLEANUP & ABATE DISCH & THREATENED DISCH OF PETROLEUM PRODUCTS & ASSOC CHEMICAL WASTES.
Program: SLIC
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
Region: 1
Facility Id: 220975
Agency Name: DZ Inc., Former Bulk Plant
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 38.43254
Place Longitude: -122.72504
SIC Code 1: Not reported
SIC Desc 1: Not reported
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SIC Desc 2: Not reported
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SIC Desc 3: Not reported
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NAICS Desc 2: Not reported
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NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
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: SLIC
Program Category: TANKS
SHELL OIL WHOLESALE PLANT (Continued)

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SHELL OIL WHOLESALE PLANT (Continued)

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Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 38.43254
Place Longitude: -122.72504
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SIC Desc 1: Not reported
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SIC Desc 2: Not reported
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SIC Desc 3: Not reported
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NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
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Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: SLIC
Program Category 1: TANKS
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# Of Programs: 1
WDID: 1B1SO268NSL
Reg Measure Id: 154691
Reg Measure Type: Unregulated
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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
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Effective Date: 12/01/1993
Expiration/Review Date: Not reported
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SHELL OIL WHOLESALE PLANT (Continued)

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Program: SLIC
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Major-Minor: Not reported
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Application Fee Amt Received: Not reported
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WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
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Region: 1
Order / Resolution Number: 94-068
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 04/29/1994
Adoption/Issuance Date: 04/29/1994
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
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Status: Active
Title: Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description: CAO REVISES 93-123. CAO REQUESTS A WORKPLAN FOR FURTHER INVESTIGATION OF VERTICAL & HORIZONTAL EX TEN
Program: SLIC
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0
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<td>Effective Date:</td>
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<tr>
<td>Expiration/Review Date:</td>
<td>Not reported</td>
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<tr>
<td>Termination Date:</td>
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<tr>
<td>WDR Review - Revise/Renew:</td>
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SHELL OIL WHOLESALE PLANT (Continued)

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<td>Project $ Completed:</td>
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**Shell Oil Wholesale Plant (Continued)**

| Threat To Water Quality: | Not reported |
| Complex: | 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: | Not reported |
| Program Category 1: | Not reported |
| Program Category 2: | TANKS |
| # Of Programs: | Not reported |
| WDID: | Not reported |
| Reg Measure Id: | Not reported |
| Reg Measure Type: | Not reported |
| Region: | Not reported |
| Order #: | Not reported |
| Npdese# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdese Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Resend: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrolee: | Not reported |
| Individual/General: | Not reported |
| Fee Code: | Not reported |
| Direction/Voice: | Not reported |
| Enforcement Id(EID): | 240466 |
| Region: | 1 |
| Order / Resolution Number: | Not reported |
| Enforcement Action Type: | Staff Enforcement Letter |
| Effective Date: | 03/25/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 03/25/2002 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 1B1SO268NSL Shell DZ Products Facility |
| Description: | SUBMITTAL OF THE GROUNDWATER LEVELS FOR JANUARY 15, 2002 IS THREE WEEKS LATE. |
| Program: | SLIC |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
### SHELL OIL WHOLSALE PLANT (Continued)

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<td>Project $ Completed:</td>
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<tr>
<td>Total $ Paid/Completed Amount:</td>
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#### HIST CORTESE:
- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** WBC&D
- **Reg Id:** 1B1SO268NSL

#### NOTIFY 65:
- **Date Reported:** Not reported
- **Staff Initials:** Not reported
- **Board File Number:** Not reported
- **Facility Type:** Not reported
- **Discharge Date:** Not reported
- **Issue Date:** Not reported
- **Incident Description:** Not reported

### Environmentally Significant Information:
#### SHELL OIL WHOLSALE PLANT:
- **EMI:** S100179624
- **Notify 65:** N/A
- **Year:** 1987
- **County Code:** 49
- **Air Basin:** SF
- **Facility ID:** 844
- **Air District Name:** BA
- **SIC Code:** 5171
- **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:** 2
- **Reactive Organic Gases Tons/yr:** 2
- **Carbon Monoxide Emissions Tons/yr:** 0
- **NOX - Oxides of Nitrogen Tons/yr:** 0
- **SOX - Oxides of Sulphur Tons/yr:** 0
- **Particulate Matter Tons/yr:** 0
- **Part. Matter 10 Micrometers and Smllr Tons/yr:** 0

#### SHELL OIL WHOLSALE PLANT (Continued):
- **Year:** 1990
- **County Code:** 49
- **Air Basin:** SF
- **Facility ID:** 844
- **Air District Name:** BA
- **SIC Code:** 5171
- **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:** 6
- **Reactive Organic Gases Tons/yr:** 6
- **Carbon Monoxide Emissions Tons/yr:** 0
DAVE ZEDRICK, INC (Continued)

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

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

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION
2641 DUTTON MEADOW
SANTA ROSA, CA 95407
043072007
043072007
043072007

ENVIROSTOR: S109548372

Facility ID: 60001076
Status: Certified
Status Date: 06/01/2016
Site Code: 204232
Site Type: School Cleanup
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Craig Sanchez
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: 10
Senate: 02
Special Program: NONE SPECIFIED
Restricted Use: NO
Site Mgmt Req: School District
Funding: School District
Latitude: 38.41300
Longitude: -122.7300
APN: 043072007
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC: Under Investigation Arsenic Benzene Chlordane DDD DDE DDT Endrin
Lead Toxaphene TPH-diesel TPH-gas
Confirmed COC: 30001-NO 30003-NO 30004-NO 30024-NO 30025-NO Under Investigation
30023-NO 30013-NO 30006-NO 30007-NO 30008-NO 30010-NO
Potential Description: SOIL
Alias Name: Meadow View Elementary School Expansion
Alias Type: Alternate Name
Alias Name: Meadow View Elementary School Extension
Alias Type: Alternate Name
Alias Name: 043072007
Alias Type: APN
Alias Name: 204232
Alias Type: Project Code (Site Code)
MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)  S109548372

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<th>Alias Name:</th>
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**Completed Info:**

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<tr>
<td>Completed Document Type:</td>
<td>Cost Recovery Closeout Memo</td>
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<tr>
<td>Completed Date:</td>
<td>07/19/2012</td>
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<td>Comments:</td>
<td>CRU to close billing for dormant site.</td>
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<tr>
<td>Completed Document Type:</td>
<td>Environmental Oversight Agreement Application</td>
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<tr>
<td>Completed Date:</td>
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<td>Comments:</td>
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<td>Comments:</td>
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<td>Completed Document Type:</td>
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<td>Completed Date:</td>
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<td>Comments:</td>
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MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)  S109548372

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/03/2011
Comments: PM received finalized Public Notice (English and Spanish) on 2/23/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan Amendment
Completed Date: 06/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/01/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/08/2009
Comments: Signed by Perf Mnger 05/8/09

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 05/11/2011
Comments: PM prepared and processed inactive letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/01/2010
Comments: mailed fully executed SCA to District
MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)  

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pre-HARP Form  
Completed Date: 06/30/2015  
Comments: Not reported  

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  

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  

SCH:  

Facility ID: 60001076  
Site Type: School Cleanup  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 1  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Craig Sanchez  
Supervisor: Jose Salcedo  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 204232  
Assembly: 10  
Senate: 02  
Special Program Status: Not reported  
Status: Certified  
Status Date: 06/01/2016  
Restricted Use: NO  
Funding: School District  
Latitude: 38.41300  
Longitude: -122.7300  
APN: 043072007  
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA  
Potential COC: Under Investigation, Arsenic, Benzene, Chlordane, DDD, DDE, DDT, Endrin, Lead, Toxaphene, TPH-diesel, TPH-gas  
Confirmed COC: 30001-NO, 30003-NO, 30004-NO, 30024-NO, 30025-NO, Under Investigation, 30023-NO, 30013-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO  
Potential Description: SOIL  
Alias Name: Meadow View Elementary School Expansion
MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

Alias Type: Alternate Name
Alias Name: Meadow View Elementary School Extension
Alias Type: Alternate Name
Alias Name: 043072007
Alias Type: APN
 Alias Name: 204232
Alias Type: Project Code (Site Code)
Alias Name: 60001076
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/19/2012
Comments: CRU to close billing for dormant site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 04/09/2009
Comments: Received EOA Application and prepared agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/15/2009
Comments: PM requested a PEA-SSI workplan to complete delineation of the contamination identified in the Phase II report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/08/2009
Comments: DTSC approved the PEA workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2010
Comments: PM approved the PEA report with a further action determination. See uploaded approval letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/24/2010
Comments: PM received e-mails from PPS, District, and District’s consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/15/2011
Comments: PM received e-mails from PPS, District, and District’s consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.
MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/15/2011
Comments: PM received e-mails from PPS, District, and District’s consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/03/2011
Comments: PM received finalized Public Notice (English and Spanish) on 2/23/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan Amendment
Completed Date: 08/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/01/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/08/2009
Comments: Signed by Perf Mnger 05/8/09

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 05/11/2011
Comments: PM prepared and processed inactive letter.
MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)  S109548372

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/01/2010
Comments: mailed fully executed SCA to District

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/14/2011
Comments: PM received e-mails from PPS, District, and District’s consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

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

90  MC GOWEN AUTO WRECKERS  ENVIROSTOR  S100183344
NE  116 HOLBROOK STREET  N/A
1/2-1  SANTA ROSA, CA  95401
0.741 mi.  N/A
3915 ft.  151 ft.

Relative: Higher
Actual: 151 ft.

ENVIROSTOR:
Facility ID: 49500015
Status: Refer: RWQCB
Status Date: 10/08/1993
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.43274
Longitude: -122.7239
MC GOWEN AUTO WRECKERS (Continued)  

APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 49500015  
Alias Type: Envirostor ID Number  

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: * Discovery  
Completed Date: 04/07/1988  
Comments: FACILITY IDENTIFIED PHONE DIR 1987  

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 04/22/1988  
Comments: SITE SCREENING DONE AUTO DISMANTLER  

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  

S91 RESIDENCE  
East 1267 CORBY AVE  
1/2-1 SANTA ROSA, CA 95407  
0.758 mi.  
4004 ft. Site 1 of 3 in cluster S  

Relative: Higher  
Date Reported: 19920729  
Staff Initials: crj  
Board File Number: 0TZ920002  
Facility Type: misc  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.  

Notify 65 S100463829 N/A
### S92
**Residence**
- **Address:** 1267 Corby Ave, Santa Rosa, CA 95407
- **Distance:** 0.758 mi.
- **Elevation:** 4004 ft.
- **Site:** Site 2 of 3 in cluster S
- **Relative:** Higher
- **Actual:** 148 ft.

**Incident Description:**
Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

### S93
**Residence**
- **Address:** 1267 Corby Ave, Santa Rosa, CA 95407
- **Distance:** 0.758 mi.
- **Elevation:** 4004 ft.
- **Site:** Site 3 of 3 in cluster S
- **Relative:** Higher
- **Actual:** 148 ft.

**Incident Description:**
Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

### 94
**C & D Batteries**
- **Address:** 265 Roberts Avenue, Santa Rosa, CA 95401
- **Distance:** 0.773 mi.
- **Elevation:** 4082 ft.

**Incident Description:**
Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.
### C & D BATTERIES (Continued)

<table>
<thead>
<tr>
<th>Completed Info</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Completed Area Name:</strong> PROJECT WIDE</td>
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<tr>
<td><strong>Completed Sub Area Name:</strong> Not reported</td>
</tr>
<tr>
<td><strong>Completed Document Type:</strong> De-Certification</td>
</tr>
<tr>
<td><strong>Completed Date:</strong> 09/27/1993</td>
</tr>
<tr>
<td><strong>Comments:</strong> Site has been referred to the Regional Water Quality Control Board because additional contamination exists. The site has been &quot;decertified&quot; and the previous cert is considered a removal action.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Info</th>
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</thead>
<tbody>
<tr>
<td><strong>Completed Area Name:</strong> PROJECT WIDE</td>
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<tr>
<td><strong>Completed Sub Area Name:</strong> Not reported</td>
</tr>
<tr>
<td><strong>Completed Document Type:</strong> Certification</td>
</tr>
<tr>
<td><strong>Completed Date:</strong> 01/01/1985</td>
</tr>
<tr>
<td><strong>Comments:</strong> Thirteen (13) cubic yards of contaminated soil removed. As a result of a closure of a surface impoundment under RCRA program. Month and day information for removal action not available. This date was selected because it gives the earliest statute of limitations.</td>
</tr>
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<table>
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<tr>
<td><strong>Completed Sub Area Name:</strong> Not reported</td>
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<tr>
<td><strong>Completed Document Type:</strong> * Discovery</td>
</tr>
<tr>
<td><strong>Completed Date:</strong> 06/13/1980</td>
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<tr>
<td><strong>Comments:</strong> FACILITY IDENTIFIED RWQCB COMPLAINT 55-GAL ACID DUMPED</td>
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<table>
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<th>Completed Info</th>
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<tbody>
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<tr>
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<tr>
<td><strong>Completed Document Type:</strong> Site Screening</td>
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<tr>
<td><strong>Completed Date:</strong> 04/22/1988</td>
</tr>
<tr>
<td><strong>Comments:</strong> SITE SCREENING DONE DHS/PROP65 - SITE CLOSED BUT LETTERS SHOW RUNOFF/SPILLS OCCURRED__ (NO DATE)</td>
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</table>

<table>
<thead>
<tr>
<th>Completed Info</th>
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<tr>
<td><strong>Completed Area Name:</strong> PROJECT WIDE</td>
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<tr>
<td><strong>Completed Sub Area Name:</strong> Not reported</td>
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<tr>
<td><strong>Completed Document Type:</strong> Removal Action Completion Report</td>
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<tr>
<td><strong>Completed Date:</strong> 01/01/1985</td>
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<tr>
<td><strong>Comments:</strong> Not reported</td>
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<tr>
<td><strong>Completed Area Name:</strong> PROJECT WIDE</td>
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<tr>
<td><strong>Completed Sub Area Name:</strong> Not reported</td>
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<tr>
<td><strong>Completed Document Type:</strong> Site Screening</td>
</tr>
<tr>
<td><strong>Completed Date:</strong> 03/27/1997</td>
</tr>
<tr>
<td><strong>Comments:</strong> RWQCB is currently overseeing the site.</td>
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C & D BATTERIES (Continued)

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

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 03/05/2009
Global Id: T0609793128
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.43255
Longitude: -122.722874
Case Type: Cleanup Program Site
Case Worker: TNM
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR079
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Lead
Site History: Industrial lead acid batteries were manufactured at the C&D Battery Plant from 1963 to 1983. The plant was decommissioned, and limited soil cleanup work performed in September 1983.

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

T95  FORMER POINT ST. GEORGE FISHERIES  1000321786
NE  8 SEBASTOPOL ROAD  10/04/2009
1/2-1  SANTA ROSA, CA  95407
0.789 mi.  SITE 1 of 2 in cluster T
4167 ft.  HIST CORTESE
Relative: Higher
Actual: 152 ft.

ENVIROSTOR: 49200002
Status: Refer: RWQCB
Status Date: 01/31/2003
Site Code: 201368
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: Not reported
NPL: N/A
Regulatory Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Program Manager: Janet Naito
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 10

TC5195822.2s  Page 305
| Senate:  | 02 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 38.43138 |
| Longitude: | -122.7219 |
| APN: | NONE SPECIFIED |
| Past Use: | MANUFACTURING - OTHER |
| Potential COC: | TPH-gas 1,2-Dichloroethylene (cis) |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | POINT ST. GEORGE FISHERIES |
| Alias Type: | Alternate Name |
| Alias Name: | 110033614603 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201368 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 49200002 |
| Alias Type: | Envirostor ID Number |

**Completed Info:**

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Voluntary Cleanup Consultation
- **Completed Date:** 01/09/2003

**Comments:**

Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Site Screening
- **Completed Date:** 04/25/1988

**Comments:**

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Voluntary Cleanup Agreement
- **Completed Date:** 02/23/2001

**Comments:**

Signed VCA to oversee risk assessment phase.

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** * Discovery
- **Completed Date:** 02/23/1988

**Comments:**

- **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
The Site development began in 1904, and historical operations at the Site have largely been related to the processing and transporting of fish products. As part of these operations, fish products were stored at the Cold Storage Building with refrigeration supplied from power derived from the adjacent Engine Room and UST3. The Point St. George Fisheries facility closed in 1993 and removal of equipment and demolition of the process buildings were completed in 2000. The Site is currently being redeveloped into approximately 110 two-story houses with associated streets, utilities, paved and landscaped areas.

Investigation and remedial activities commenced at the Site in 1985: In 1997, BSK Associates (BSK) removed the two tanks and soil to a depth of 15 feet below ground surface (bgs) and approximately 3 feet outward from the sides of the tanks. Petroleum hydrocarbons were detected in confirmation soil samples along the western and southern walls of the excavation. In October 1999, approximately 2,773 tons of petroleum-impacted soil were excavated from the western property boundary in the vicinity of the former UST3 (Former Engine Room Excavation) and removed for offsite disposal. Demolition of the operation buildings and offices was completed in January 2000. In December 2000 and January 2001, approximately 2,153 tons of petroleum-impacted soil were excavated and removed for off-site disposal. Between March and July 2004, approximately 1,860 cubic yards (approximately 2,325 tons) of petroleum-impacted soil were excavated and removed for off-site disposal. Demolition of a dry goods warehouse, paved driveways, and concrete foundations of the former buildings was completed in 2005. Between 1996 and 2009, the responsible party installed thirty monitoring wells and collected samples from thirty-four exploratory borings to define the extent of groundwater contamination. Petroleum hydrocarbons remain in soil at depths deeper than eight feet below ground surface beneath some areas of the site. Contaminated soil has been removed to the extent feasible. Petroleum hydrocarbons remain in groundwater beneath the site. Periodic groundwater monitoring demonstrates that the area of groundwater contamination is stable or decreasing. An environmental covenant will be recorded to prohibit groundwater extraction and will establish specific requirements excavating in some areas of the Site. With the establishment of the environmental covenant restrictions, conditions at the Site are consistent with the closure criteria specified in the State Water Resources Control Boards Low-Threat Underground Storage Tank Case Closure Policy.
### FORMER POINT ST. GEORGE FISHERIES (Continued)

**LUST:**

<table>
<thead>
<tr>
<th>Global Id:</th>
<th>T0609700542</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Type:</td>
<td>Local Agency Caseworker</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>LOCAL PERMIT WORKER SANTA ROSA</td>
</tr>
<tr>
<td>Organization Name:</td>
<td>SANTA ROSA, CITY OF</td>
</tr>
<tr>
<td>Address:</td>
<td>625 5th Street</td>
</tr>
<tr>
<td>City:</td>
<td>SANTA ROSA</td>
</tr>
<tr>
<td>Email:</td>
<td>Not reported</td>
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<tr>
<td>Phone Number:</td>
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<tr>
<td>Contact Type:</td>
<td>Regional Board Caseworker</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>REGIONAL WATER BOARD SITE CLOSED</td>
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<tr>
<td>Organization Name:</td>
<td>NORTH COAST RWQCB (REGION 1)</td>
</tr>
<tr>
<td>Address:</td>
<td>5550 SKYLANE BOULEVARD, SUITE A</td>
</tr>
<tr>
<td>City:</td>
<td>SANTA ROSA</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:craig.hunt@waterboards.ca.gov">craig.hunt@waterboards.ca.gov</a></td>
</tr>
<tr>
<td>Phone Number:</td>
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**EDR ID Number: 1000321786**
FORMER POINT ST. GEORGE FISHERIES (Continued)  

| Action Type: | ENFORCEMENT |
| Date: | 01/27/2005 |
| Action: | Staff Letter |

| Global Id: | T0609700542 |
| Action Type: | RESPONSE |
| Date: | 01/31/2009 |
| Action: | Correspondence |

| Global Id: | T0609700542 |
| Action Type: | ENFORCEMENT |
| Date: | 03/09/2010 |
| Action: | Staff Letter |

| Global Id: | T0609700542 |
| Action Type: | ENFORCEMENT |
| Date: | 11/17/2000 |
| Action: | * Historical Enforcement |

| Global Id: | T0609700542 |
| Action Type: | RESPONSE |
| Date: | 10/31/2007 |
| Action: | Monitoring Report - Quarterly |

| Global Id: | T0609700542 |
| Action Type: | RESPONSE |
| Date: | 03/30/2006 |
| Action: | Electronic Reporting Submittal Due |

| Global Id: | T0609700542 |
| Action Type: | ENFORCEMENT |
| Date: | 12/13/2013 |
| Action: | Closure/No Further Action Letter |

| Global Id: | T0609700542 |
| Action Type: | Other |
| Date: | 08/24/1987 |
| Action: | Leak Stopped |

| Global Id: | T0609700542 |
| Action Type: | RESPONSE |
| Date: | 09/03/2013 |
| Action: | Correspondence |

| Global Id: | T0609700542 |
| Action Type: | RESPONSE |
| Date: | 07/24/2013 |
| Action: | Other Report / Document |

| Global Id: | T0609700542 |
| Action Type: | RESPONSE |
| Date: | 02/28/2007 |
| Action: | Other Report / Document |

<p>| Global Id: | T0609700542 |
| Action Type: | RESPONSE |
| Date: | 07/08/2005 |</p>
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<th>Action Type</th>
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<tr>
<td>T0609700542</td>
<td>RESPONSE</td>
<td>07/31/2010</td>
<td>Soil and Water Investigation Report</td>
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<tr>
<td>T0609700542</td>
<td>ENFORCEMENT</td>
<td>04/18/2013</td>
<td>Staff Letter</td>
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<td>T0609700542</td>
<td>ENFORCEMENT</td>
<td>01/04/2013</td>
<td>Staff Letter</td>
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<td>ENFORCEMENT</td>
<td>08/07/2013</td>
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<td>ENFORCEMENT</td>
<td>08/07/2013</td>
<td>Notification - Public Notice of Case Closure</td>
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<td>T0609700542</td>
<td>ENFORCEMENT</td>
<td>07/01/2007</td>
<td>* No Action</td>
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<td>T0609700542</td>
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<td>01/27/2005</td>
<td>Staff Letter</td>
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<td>T0609700542</td>
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<td>11/18/2013</td>
<td>Other Report / Document</td>
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<td>01/25/2008</td>
<td>Staff Letter</td>
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FORMER POINT ST. GEORGE FISHERIES (Continued) 1000321786

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/30/2005
Action: Soil and Water Investigation Report

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/30/2005
Action: Soil and Water Investigation Report

Global Id: T0609700542
Action Type: RESPONSE
Date: 12/15/2006
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/09/2008
Action: Other Report / Document

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: File review

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/15/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700542
Action Type: RESPONSE
FORMER POINT ST. GEORGE FISHERIES (Continued)  1000321786

Date: 10/31/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/14/2003
Action: * No Action

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 07/15/2002
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/03/2003
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/19/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 11/30/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/20/2013
Action: Correspondence - Regulator Responded

Global Id: T0609700542
Action Type: RESPONSE
Date: 12/30/2005
Action: Well Installation Report

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 10/13/2004
Action: Notification - Public Participation Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Workplan

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/15/2012
Action: Soil and Water Investigation Workplan - Addendum
FORMER POINT ST. GEORGE FISHERIES (Continued)

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 09/13/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 09/13/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 09/30/2006
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/07/2010
Action: Verbal Enforcement

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/13/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 02/28/2006
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 10/23/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/21/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700542
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700542
Action Type: RESPONSE
FORMER POINT ST. GEORGE FISHERIES (Continued)  

<table>
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FORMER POINT ST. GEORGE FISHERIES (Continued)

LUST REG 1:
Region: 1
Facility ID: 1TSR019
Staff Initials: WTE

SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/13/2013
Global Id: T0609791311
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.431479
Longitude: -122.720914
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR019
File Location: Regional Board

Potential Media Affected:
Aquifer used for drinking water supply

Potential Contaminants of Concern:
Waste Oil / Motor / Hydraulic / Lubricating

Site History:
Documents related to this site investigation and cleanup are archived and accessible for review at the GeoTracker case identified as Case Number 1TSR 019, at the URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700542 The Site development began in 1904, and historical operations at the Site have largely been related to the processing and transporting of fish products. As part of these operations, fish products were stored at the Cold Storage Building with refrigeration supplied from power derived from the adjacent Engine Room and UST3. The Point St. George Fisheries facility closed in 1993 and removal of equipment and demolition of the process buildings were completed in 2000. The Site is currently being redeveloped into approximately 110 two-story houses with associated streets, utilities, paved and landscaped areas Investigation and remedial activities commenced at the Site in 1985: In 1997, BSK Associates (BSK) removed the two tanks and soil to a depth of 15 feet below ground surface (bgs) and approximately 3 feet outward from the sides of the tanks. Petroleum hydrocarbons were detected in confirmation soil samples along the western and southern walls of the excavation. In October 1999, approximately 2773 tons of petroleum-impacted soil were excavated from the western property boundary in the vicinity of the former UST3 (Former Engine Room Excavation) and removed for offsite disposal Demolition of the operation buildings and offices was completed in January 2000. In December 2000 and January 2001, approximately 2,153 tons of petroleum-impacted soil were excavated and removed for off-site disposal. Between March and July 2004, approximately 1860 cubic yards (approximately 2325 tons) of petroleum-impacted soil were excavated and removed for off-site disposal. Demolition of a dry goods warehouse, paved driveways, and concrete foundations of the former buildings was completed in 2005. Between 1996 and 2009, the responsible party installed thirty monitoring wells and collected samples from thirty-four exploratory borings to define the extent of groundwater contamination Petroleum hydrocarbons remain in soil at depths deeper than eight feet below ground surface beneath some areas of the site. Contaminated soil has been removed to the extent
FORMER POINT ST. GEORGE FISHERIES (Continued)

Feasible. Petroleum hydrocarbons remain in groundwater beneath the site. Periodic groundwater monitoring demonstrates that the area of groundwater contamination is stable or decreasing. An environmental covenant will be recorded to prohibit groundwater extraction and will establish specific requirements excavating in some areas of the Site. With the establishment of the environmental covenant restrictions, conditions at the Site are consistent with the cleanup and mitigation requirements for case closure.

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

VCP:
- Facility ID: 49200002
- Site Type: Voluntary Cleanup
- Site Type Detail: Voluntary Cleanup
- Site Mgmt. Req.: NONE SPECIFIED
- Acres: Not reported
- National Priorities List: NO
- Cleanup Oversight Agencies: SMBRP, RWQCB 1 - North Coast
- Lead Agency: RWQCB 1 - North Coast
- Lead Agency Description: RWQCB 1 - North Coast
- Project Manager: Janet Naito
- Supervisor: Barbara Cook
- Division Branch: Cleanup Berkeley
- Site Code: 201368
- Assembly: 10
- Senate: 02
- Special Programs Code: Voluntary Cleanup Program
- Status: Refer: RWQCB
- Status Date: 01/31/2003
- Restricted Use: NO
- Funding: Responsible Party
- Lat/Long: 38.43138 / -122.7219
- APN: NONE SPECIFIED
- Past Use: MANUFACTURING - OTHER
- Potential COC: 30025, 30195
- Confirmed COC: NONE SPECIFIED
- Potential Description: NONE SPECIFIED
- Alias Name: POINT ST. GEORGE FISHERIES
- Alias Type: Alternate Name
- Alias Name: 110033614603
- Alias Type: EPA (FRS #)
- Alias Name: 201368
- Alias Type: Project Code (Site Code)
- Alias Name: 49200002
- Alias Type: Envirostor ID Number

Completion Info:
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- Completed Sub Area Name: Not reported
- Completed Document Type: Voluntary Cleanup Consultation
- Completed Date: 01/09/2003
### FORMER POINT ST. GEORGE FISHERIES (Continued)

**Comments:** Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.

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FORMER POINT ST. GEORGE FISHERIES (Continued)

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Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

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File Number: 00021658
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021658.pdf
Region: STATE
Facility ID: 000000030986
Facility Type: Other
Other Type: SEAFOOD PROCESSING
Contact Name: TONY DELIMA
Telephone: 7075429490
Owner Name: ROBERT J. BUGATTO
Owner Address: P.O. BOX 2028
Owner City,St,Zip: SAN FRANCISCO, CA
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 49000096
Regulated By: UTNKA
Regulated ID: 00030986
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075429490
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
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96  
WSW  
1/2-1  
0.805 mi.  
4252 ft.  

Relative:  
Lower  
Actual:  
110 ft.  

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<tr>
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OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

Status: Refer: RWQCB
Status Date: 09/27/1993
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.41681
Longitude: -122.7504
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: OPTI
Alias Type: Alternate Name
Alias Name: CAD009110768
Alias Type: EPA Identification Number
Alias Name: 110000902676
Alias Type: EPA (FRS #)
Alias Name: 110018966519
Alias Type: EPA (FRS #)
Alias Name: 49380001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/03/1988
Comments: FACILITY IDENTIFIED ANONYMOUS TIP. SITE SCREENING DONE BETWEEN 1961 AND 1970 SURFACE IMPOUNDMENTS WERE IN USE. WASTES WERE DISPOSED ONSITE. IMPOUNDMENTS ARE CURRENTLY UNDER BUILDINGS. NEED TO FIND AERIAL PHOTOS SHOWING THE SITE DURING THAT PERIOD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/01/1990
Comments: SITE SCREENING DONE EPA COMPLETED PRELIMINARY ASSESSMENT & RECOMMEND SCREENING SITE INSPECTION (MEDIUM PRIORITY).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/03/1988
Comments: Not reported
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

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

Facility ID: 71002251
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.41681
Longitude: -122.7504
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD009110768
Alias Type: EPA Identification Number
Alias Name: 110018966519
Alias Type: EPA (FRS #)
Alias Name: 71002251
Alias Type: Envirostor ID Number

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

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
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

Schedule Revised Date: Not reported

SLIC:
Region: STATE
Facility Status: Open - Verification Monitoring
Status Date: 06/13/2017
Global Id: T0609793183
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.417485928
Longitude: -122.749159
Case Type: Cleanup Program Site
Case Worker: BML
Local Agency: SONOMA COUNTY
RB Case Number: 1NSR095
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: Trichloroethylene (TCE)
Site History: Not reported

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

SWEEPS UST:
Status: Active
Comp Number: 54602
Number: 9
Board Of Equalization: 44-028348
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-054602-000001
Tank Status: A
Capacity: 2000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 54602
Number: 9
Board Of Equalization: 44-028348
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-054602-000002
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
## OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

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## OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

| Container Num: | 8 |
| Year Installed: | 1984 |
| Tank Capacity: | 00000500 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 6 |
| Leak Detection: | Visual, Sensor Instrument |

| Container Num: | 9 |
| Year Installed: | 1985 |
| Tank Capacity: | 00000500 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | 12 |
| Leak Detection: | Sensor Instrument |

Click here for Geo Tracker PDF:

**CA FID UST:**
- Facility ID: 49000002
- Regulated By: UTNKA
- Regulated ID: 00054602
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 7075257693
- Mail To: Not reported
- Mailing Address: 2789 NORTHPOINT PKY
- Mailing Address 2: Not reported
- Mailing City,St,Zip: SANTA ROSA 95407
- Contact: Not reported
- Contact Phone: Not reported
- DUNS Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active

**CORTESER:**
- Region: CORTESER
- Envirostor Id: Not reported
- Site/Facility Type: Not reported
- Cleanup Status: Not reported
- Status Date: Not reported
- Site Code: Not reported
- Latitude: Not reported
- Longitude: Not reported
- Owner: Not reported
- Enf Type: Not reported
- Swat R: Not reported
- Flag: CORTESER
- Order No: R1-1999-0029
- Waste Discharge System No: Not reported
- Effective Date: 07/21/1999
- Region 2: 1
- WID Id: 1B88067NSON
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<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 and Smlr Tons/Yr</th>
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OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 2837
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: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1997
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
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: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1998
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
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: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1999
County Code: 49
Air Basin: SF
Facility ID: 1535
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 | 2 |
| Reactive Organic Gases Tons/Yr | 1 |
| Carbon Monoxide Emissions Tons/Yr | 0 |
| NOX - Oxides of Nitrogen Tons/Yr | 0 |
| SOX - Oxides of Sulphur Tons/Yr | 0 |
| Particulate Matter Tons/Yr | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr | 0 |

Year: 2000
County Code: 49
Air Basin: SF
Facility ID: 1535
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: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2001
County Code: 49
Air Basin: SF
Facility ID: 1535
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: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2002
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
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: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
### OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

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TC5195822.2s  Page 333
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12.884
Reactive Organic Gases Tons/Yr: 10.059312
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smllr Tons/Yr:.0009

Year: 2009
County Code: 49
Air Basin: SF
Facility ID: 5223
Air District Name: BA
SIC Code: 3827
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: 11.571
Reactive Organic Gases Tons/Yr: 8.7494873999999996
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:8.9999999999999998E-4

Year: 2009
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.4799999999999998
Reactive Organic Gases Tons/Yr: 0.2233106
Carbon Monoxide Emissions Tons/Yr: 9.1999999999999998E-2
NOX - Oxides of Nitrogen Tons/Yr: 0.4219999999999999
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 3.200000000000001E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:3.0839999999999999E-2

Year: 2010
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
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: 3.589
Reactive Organic Gases Tons/Yr: 2.5490618
Carbon Monoxide Emissions Tons/Yr: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.002
SOX - Oxides of Sulphur Tons/Yr: 0
## OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

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OPTICAL COATINGS LABORATORY INC (OCLI)  (Continued)

Facility ID: 1535
Air District Name: BA
SIC Code: 3827
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: 11.27
Reactive Organic Gases Tons/Year: 8.8538549
Carbon Monoxide Emissions Tons/Year: 0.019
NOX - Oxides of Nitrogen Tons/Year: 0.075
SOX - Oxides of Sulphur Tons/Year: 0
Particulate Matter Tons/Year: 0.025040652251
Part. Matter 10 Micrometers and Smaller Tons/Year: 0.022

Year: 2013
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
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: 11.145
Reactive Organic Gases Tons/Year: 8.8927663
Carbon Monoxide Emissions Tons/Year: 0.034
NOX - Oxides of Nitrogen Tons/Year: 0.153
SOX - Oxides of Sulphur Tons/Year: 0
Particulate Matter Tons/Year: 0.037
Part. Matter 10 Micrometers and Smaller Tons/Year: 0.022

Year: 2014
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
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: 11.142964865
Reactive Organic Gases Tons/Year: 0.035110264
Carbon Monoxide Emissions Tons/Year: 0.152428943
NOX - Oxides of Nitrogen Tons/Year: 0.00029053
SOX - Oxides of Sulphur Tons/Year: 0.037329658
Particulate Matter Tons/Year: 0.027723196
Part. Matter 10 Micrometers and Smaller Tons/Year: 0.027723196

Year: 2015
County Code: 49
Air Basin: SF
Facility ID: 1535
Air District Name: BA
SIC Code: 3827
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
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### OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

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- **Place Type:** Service/Commercial
- **_naics_desc:** Optical Instruments and Lenses
- **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
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- **Program:** Not reported
- **Program Category1:** Not reported
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- **Region:** Not reported
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- **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

| Total Organic Hydrocarbon Gases Tons/Yr | 54.272939806 |
| Reactive Organic Gases Tons/Yr | 34.458790465 |
| Carbon Monoxide Emissions Tons/Yr | 0.013523266 |
| NOX - Oxides of Nitrogen Tons/Yr | 0.061340091 |
| SOX - Oxides of Sulphur Tons/Yr | 4.938e-005 |
| Particulate Matter Tons/Yr | 0.059940137 |
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OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

Status: Active
Title: Enforcement - 1B88067NSON JDS Uniphase
Description: 13267 & 13304. INCORPORATES IMPLEMENTATION OF FINAL REMEDIATION SYSTEM.
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: Not reported
# Of Programs: 1
# Of Programs1: 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

Region: 1
Facility Id: 246089
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Laboratory
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.41681
Place Longitude: -122.75047
SIC Code 1: 3827
SIC Desc 1: Optical Instruments and Lenses
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: Not reported
Program Category1: Not reported
Program Category2: NPDESWW
# Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes## CA#: Not reported
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 224682
Region: 1
Order / Resolution Number: 88-122
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 09/01/1988
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 09/28/1989
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B88067NSON JDSU (formerly Optical Coating Laboratories, Inc.)
Description: CONTAMINATED GROUNDWATER UNDERLYING OCLI FACILITY.
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 246089
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Laboratory
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.41681
Place Longitude: -122.75047
SIC Code 1: 3827
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

SIC Desc 1: Optical Instruments and Lenses
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: Not reported
Program Category1: Not reported
Program Category2: NPDESWW
# Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: 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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 224612
Region: 1
Order / Resolution Number: 89-121
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 09/28/1989
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued) 1000246761

Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 05/25/1990
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B88067NSON JDSU (formerly Optical Coating Laboratories, Inc.)
Description: GROUNDWATER CONTAMINATION. WORKPLAN SHOULD CONTAIN TIME SCHEDULE FOR IMPLEMENTATION OF FINAL CLEANUP
Program: NPDNONMUNIPRC5
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
Region: 1
Facility Id: 246089
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Laboratory
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.41681
Place Longitude: -122.75047
SIC Code 1: 3827
SIC Desc 1: Optical Instruments and Lenses
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
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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
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Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: NPDESWW
# Of Programs: Not reported
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

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
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
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: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 224553
Region: 1
Order / Resolution Number: 90-108
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 05/25/1990
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 06/28/1993
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B88067NSON JDSU (formerly Optical Coating Laboratories, Inc.)
Description: GRANTING EXTENSIONS TO COMPLETE THE GROUNDWATER TREATMENT PLANT AND FINAL REMEDIATION ACTION PLAN.
Program: NPDMINMUNPRCS
Latest Milestone Completion Date: Not reported
# Of Programs1: 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
Region: 1
Facility Id: 246089
Agency Name: Not reported
Place Type: Service/Commercial
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

Place Subtype: Laboratory
Facility Type: All other facilities
Agency Type: Not reported
# Of Agencies: Not reported
Place Latitude: 38.41681
Place Longitude: -122.75047
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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
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NAICS Desc 2: Not reported
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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
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Facility Waste Type 4: Not reported
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Program Category1: Not reported
Program Category2: NPDESWW
# Of Programs: Not reported
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Reg Measure Type: Not reported
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Order #: Not reported
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Npdes Type: Not reported
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Individual/General: Not reported
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 223095
Region: 1
Order / Resolution Number: 94-099
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 07/06/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 09/17/1996
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B88067NSON JDSU (formerly Optical Coating Laboratories, Inc.)
Description: CLEANUP & ABATE THE DISCHARGE & THREATENED DISCHARGE OF SOLVENTS.
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: Not reported
# Of Programs1: 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

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B88067NSON

NPDES:
Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 1
Regulatory Measure Id: 459912
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 1491026189
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 09/15/2015
PROCESSED DATE: 10/08/2015
OPTICAL COATINGS LABORATORY INC (OCLI) (Continued)

STATUS CODE NAME: Active
STATUS DATE: 10/08/2015
PLACE SIZE: 17.3
PLACE SIZE UNIT: Acres
FACILITY CONTACT NAME: Diana Boettcher
FACILITY CONTACT TITLE: EHS Manager
FACILITY CONTACT PHONE: 707-525-7770
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: diana.boettcher@viavisolutions.com
OPERATOR NAME: JDSU
OPERATOR ADDRESS: 2789 Northpoint Parkway
OPERATOR CITY: Santa Rosa
OPERATOR STATE: California
OPERATOR ZIP: 95407
OPERATOR CONTACT NAME: Diana Boettcher
OPERATOR CONTACT PHONE: 707-525-7770
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: diana.boettcher@viavisolutions.com
OPERATOR TYPE: Private Business
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
DEVELOPER STATE: California
DEVELOPER ZIP: Not reported
DEVELOPER CONTACT NAME: Not reported
DEVELOPER CONTACT TITLE: Not reported
CONSTYPE LINEAR UTILITY IND: Not reported
EMERGENCY PHONE NO: Not reported
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
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CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Roseland Channel
CERTIFIER NAME: Diana Boettcher
CERTIFIER TITLE: EHS Specialist
CERTIFICATION DATE: 15-SEP-15
PRIMARY SIC: 3827-Optical Instruments and Lenses
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported
Npdes Number: CAS000001
Facility Status: Active
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**CITY OF SANTA ROSA PUBLIC WORKS**

**ENVIROSTOR:**

- Facility ID: 49160001
- Status: Refer: Other Agency
- Status Date: 06/07/1994
- Site Code: Not reported
- Site Type: Historical
- Site Type Detailed: * Historical
- Acres: Not reported
- NPL: NO
- Regulatory Agencies: NONE SPECIFIED
- Lead Agency: NONE SPECIFIED
- Program Manager: Not reported
- Supervisor: Referred - Not Assigned
- Division Branch: Cleanup Berkeley
- Assembly: 10
- Senate: 02
- Special Program: * Rural County Survey Program
- Restricted Use: NO
- Site Mgmt Req: NONE SPECIFIED
- Funding: Not reported
Problem Description: In July 1998, petroleum discharges to soil and groundwater were discovered following the removal of fuel underground storage tanks and product piping. Site investigations conducted in
ALLEFAX (Continued)

January 2001 confirmed petroleum impacts in soil and groundwater. Actions Completed: - In November 2005, limited over-excavation of contaminated soil was completed at one of the former tank locations. - Between January 2001 and June 2013, investigators advanced thirty-one exploratory borings, two Cone Penetrometer Test borings, and installed seven groundwater monitoring wells to define the extent of contamination in soil and groundwater. - Site investigators conducted periodic groundwater monitoring and reporting from January 2005 through May 2012. Assessment of Soil and Groundwater The results of soil sampling and analysis demonstrate that significant levels of petroleum contamination are not present in soil to a depth of ten feet below round surface. Periodic groundwater monitoring results demonstrate that the area of contamination in groundwater is stable or decreasing, and that the petroleum constituents remaining in groundwater do not present an unacceptable threat to human health. Soil and groundwater conditions at the site are consistent with the low-threat case closure criteria specified in the State Water Resources Control Boards Low-Threat Underground Storage Tank Case Closure Policy.

LUST:
Global Id: T0609700760
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700760
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700760
Action Type: RESPONSE
Date: 01/24/2008
Action: Other Workplan

Global Id: T0609700760
Action Type: RESPONSE
Date: 04/11/2014
Action: Well Destruction Report

Global Id: T0609700760
Action Type: RESPONSE
Date: 09/30/2008
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: RESPONSE
ALLEFAX (Continued)

Date: 08/13/2005
Action: Other Workplan

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/01/2005
Action: Staff Letter

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 09/13/2006
Action: * No Action

Global Id: T0609700760
Action Type: RESPONSE
Date: 03/30/2001
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/16/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700760
Action Type: RESPONSE
Date: 03/12/2003
Action: Other Report / Document

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: REMEDIATION
Date: 10/02/1998
Action: Excavation

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 12/17/2002
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 02/18/2003
Action: Staff Letter
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ALLEFAX (Continued)

Date: 01/14/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 01/27/2014
Action: Verbal Enforcement

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 12/24/2009
Action: File review

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 04/18/2014
Action: Closure/No Further Action Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/09/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609700760
Action Type: RESPONSE
Date: 05/21/2012
Action: Correspondence

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/15/2012
Action: Conceptual Site Model

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2012
Action: Monitoring Report - Other

Global Id: T0609700760
Action Type: Other
Date: 09/09/1998
Action: Leak Reported

Global Id: T0609700760
Action Type: Other
Date: 09/09/1998
Action: Leak Discovery

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 08/05/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Staff Letter
ALLEFAX (Continued)

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/13/2005
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/01/2005
Action: * No Action

Global Id: T0609700760
Action Type: RESPONSE
Date: 02/14/2013
Action: Soil and Water Investigation Workplan

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 04/24/2008
Action: File review

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/21/2013
Action: Request for Closure - Regulator Responded

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 06/28/2004
Action: Staff Letter

Global Id: T0609700760
Action Type: RESPONSE
Date: 04/15/2005
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: RESPONSE
Date: 10/30/2005
Action: Other Workplan

Global Id: T0609700760
Action Type: RESPONSE
Date: 02/05/2006
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: RESPONSE
Date: 09/30/2006
Action: Other Report / Document

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
ALLEFAX (Continued)

Date: 07/31/2006
Action: Interim Remedial Action Plan
Global Id: T0609700760
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Date: 04/30/2008
Action: Monitoring Report - Quarterly
Global Id: T0609700760
Action Type: RESPONSE
Date: 10/02/2006
Action: Staff Letter

Date: 04/20/2012
Action: Staff Letter
Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Date: 01/31/2007
Action: Monitoring Report - Quarterly
Global Id: T0609700760
Action Type: RESPONSE
Date: 11/11/2002
Action: Preliminary Site Assessment Workplan

Date: 10/27/2005
Action: Staff Letter
Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 08/26/2005
Action: Staff Letter

Date: 09/11/1998
Action: Notification - Proposition 65
Global Id: T0609700760
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Date: 01/11/2005
Action: Site Visit / Inspection / Sampling
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| EDR ID Number           | S103393094  |

TC5195822.2s  Page 358
ALLEFAX (Continued)  S103393094

Date: 11/19/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: RESPONSE
Date: 02/07/2013
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0609700760
Action Type: RESPONSE
Date: 12/08/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/20/2013
Action: Correspondence

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/13/2006
Action: Staff Letter

LUST:
Global Id: T0609700760
Status: Open - Case Begin Date
Status Date: 09/09/1998

Global Id: T0609700760
Status: Open - Site Assessment
Status Date: 09/16/1998

Global Id: T0609700760
Status: Open - Site Assessment
Status Date: 03/30/2000

Global Id: T0609700760
Status: Open - Site Assessment
Status Date: 01/05/2001

Global Id: T0609700760
Status: Open - Eligible for Closure
Status Date: 07/31/2013

Global Id: T0609700760
Status: Completed - Case Closed
Status Date: 04/18/2014

LUST REG 1:
Region: 1
Facility ID: 1TSR342
Staff Initials: WTE

ENF:
Region: 1
### ALLEFAX (Continued)

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ALLEFAX (Continued)

WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 224925
Region: 1
Order / Resolution Number: Not reported
Enforcement Action Type: Oral Communication
Effective Date: 10/04/1999
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 10/04/1999
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR342NUG Allefax
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 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

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1T5SR342

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

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GREG’S AUTOMOTIVE
DUTTON
1/2-1
SANTA ROSA, CA 93582

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported

TC5195822.2s Page 361
**GREG’S AUTOMOTIVE** (Continued)

**Incident Description:** Not reported

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<th>SQUARE DEAL AUTO WRECKING</th>
<th>ENVIROSTOR</th>
<th>S101482590</th>
<th>NE</th>
<th>214 ROBERT AVENUE</th>
<th>4664 ft.</th>
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**Relative:**
- Higher: 153 ft.

**Actual:**
- ENVIROSTOR:
  - Facility ID: 49500005
  - Status: Refer: RWQCB
  - Status Date: 10/08/1993
  - Site Code: Not reported
  - Site Type: Historical
  - Site Type Detailed: * Historical
  - Acres: Not reported
  - NPL: NO
  - Regulatory Agencies: NONE SPECIFIED
  - Lead Agency: NONE SPECIFIED
  - Program Manager: Not reported
  - Supervisor: Referred - Not Assigned
  - Division Branch: Cleanup Berkeley
  - Assembly: 10
  - Senate: 02
  - Special Program: * Rural County Survey Program
  - Restricted Use: NO
  - Site Mgmt Req: NONE SPECIFIED
  - Funding: Not reported
  - Latitude: 38.43458
  - Longitude: -122.7225
  - APN: NONE SPECIFIED
  - Past Use: NONE SPECIFIED
  - Potential COC: NONE SPECIFIED
  - Confirmed COC: NONE SPECIFIED
  - Potential Description: NONE SPECIFIED
  - Alias Name: 49500005
  - Alias Type: Envirostor ID Number

**Completed Info:**
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: * Discovery
- Completed Date: 03/04/1988
- Comments: FACILITY IDENTIFIED POLK DIR 1958

- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: Site Screening
- Completed Date: 04/22/1988
- Comments: SITE SCREENING DONE AUTO DISMANTLER

- 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
### SQUARE DEAL AUTO WRECKING (Continued)

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**EDR ID Number**: S101482590

**Notify 65**: Not reported

**Schedule Due Date**: Not reported

**Schedule Revised Date**: Not reported

### FORMER ARCO STATION

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**EDR ID Number**: S100179509

**Notify 65**: Not reported

**Schedule Due Date**: Not reported

**Schedule Revised Date**: Not reported

### AM/PM MINI MART

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**EDR ID Number**: S100236216

**Notify 65**: Not reported

**Schedule Due Date**: Not reported

**Schedule Revised Date**: Not reported

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**Site History:**

In April 1990, one 6,000-gallon and two 10,000-gallon underground storage tanks were removed from the north side of the site. Soil samples collected from the excavation pit, at depths ranging between 16 and 20 feet below ground surface, contained total petroleum hydrocarbons as gasoline and benzene at maximum concentrations of 15 mg/kg and 2.3 mg/kg, respectively. Groundwater and soil remediation has been conducted at the site since 2005, using shallow groundwater extraction from an interceptor trench, deeper-zone extraction from extraction wells, and several multi-phase extraction events using a mobile extraction unit. Groundwater monitoring events were conducted quarterly at the site from 1999 until mid-2009, and then semi-annually from 2009 to the present.
AM/PM MINI MART (Continued) S100236216

Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 07/02/2010
Action: File review

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/29/2014
Action: Correspondence

Global Id: T0609700647
Action Type: RESPONSE
Date: 05/23/2014
Action: Correspondence

Global Id: T0609700647
Action Type: RESPONSE
Date: 06/30/2009
Action: Interim Remedial Action Report

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 03/09/2004
Action: * Historical Enforcement

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 03/29/2004
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 04/05/2005
Action: * Verbal Communication

Global Id: T0609700647
Action Type: RESPONSE
Date: 08/01/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 06/30/2002
Action: Soil and Water Investigation Workplan
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Action: Staff Letter

Global Id: T0609700647
Action Type: RESPONSE
Date: 10/31/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 12/27/2007
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 04/28/2017
Action: Amendment to Order

Global Id: T0609700647
Action Type: RESPONSE
Date: 07/31/2013
Action: Remedial Progress Report - Regulator Responded

Global Id: T0609700647
Action Type: RESPONSE
Date: 02/01/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 02/01/2017
Action: Other Report / Document

Global Id: T0609700647
Action Type: RESPONSE
Date: 03/03/2003
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 08/12/2013
Action: Staff Letter

Global Id: T0609700647
Action Type: Other
Date: 04/13/1990
Action: Leak Discovery

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/26/2015
Action: 13267 Monitoring Program

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 02/07/2014
Action: Staff Letter
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| Date: | 04/16/2014 |
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| Date: | 03/02/2006 |
| Action: | Staff Letter |

| Global Id:  | T0609700647 |
| Action Type: | RESPONSE |
| Date: | 01/31/2016 |
| Action: | Monitoring Report - Semi-Annually |

| Global Id:  | T0609700647 |
| Action Type: | RESPONSE |
| Date: | 10/14/2015 |
| Action: | Correspondence |

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| Action Type: | ENFORCEMENT |
| Date: | 12/12/2011 |
| Action: | Staff Letter |

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| Date: | 11/01/2015 |
| Action: | Monitoring Report - Quarterly |

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Date: 08/01/2015
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Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 09/19/2007
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 11/03/2008
Action: Staff Letter

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Date: 12/11/2012
Action: 13267 Monitoring Program

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 12/11/2012
Action: Staff Letter

Global Id: T0609700647
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Date: 11/19/2007
Action: Other Report / Document

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/07/2014
Action: Correspondence

Global Id: T0609700647
Action Type: RESPONSE
Date: 08/01/2016
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/04/1990
Action: * Historical Enforcement

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/15/2013
Action: Conceptual Site Model

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Action Type: ENFORCEMENT
Date: 05/12/2003
Action: Meeting

Global Id: T0609700647
Action Type: ENFORCEMENT
AM/PM MINI MART (Continued)

Date: 08/22/2002
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 02/26/2004
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- Facility ID: 1TSR150
- Staff Initials: JAT

**HIST CORTESE:**
- Region: CORTESE
- Facility County Code: 49
- Reg By: LTNKA
- Reg Id: 1TSR150

**NOTIFY 65:**
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- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Issue Date: Not reported
- Incident Description: Not reported
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<td>WEST COLLEGE AVENUE / CLOVER DRIVE</td>
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<td>SANTA ROSA</td>
<td>S101316135</td>
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<td>MCMINN STATE SUPERFUND SITE</td>
<td>SEBASTOPOL ROAD / WEST AVENUE</td>
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<td>SOUTHERN PACIFIC TRANS CO.</td>
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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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<td>14</td>
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</tbody>
</table>

**NPL Site Boundaries**

**Sources:**

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

- EPA Region 1
  - Telephone: 617-918-1143
- EPA Region 2
  - Telephone: 215-814-5418
- EPA Region 3
  - Telephone: 404-562-8033
- EPA Region 4
  - Telephone: 312-886-6686
- EPA Region 5
  - Telephone: 206-553-8665
- EPA Region 6
  - Telephone: 214-655-6559
- EPA Region 7
  - Telephone: 913-551-7247
- EPA Region 8
  - Telephone: 303-312-6774
- EPA Region 9
  - Telephone: 415-947-4246

**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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<th>Telephone</th>
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**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.

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| Last EDR Contact: 02/06/2018|
| Next Scheduled EDR Contact: 04/16/2018|
| Data Release Frequency: Quarterly|
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.

Federal CERCLIS list

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.

SEMS: Superfund Enterprise Management System
SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA’s Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.
SEMS-Archive (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

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.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 05/22/2017
Date Data Arrived at EDR: 06/13/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 94
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

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: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
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: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
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: 09/18/2017
- Date Data Arrived at EDR: 09/21/2017
- Date Made Active in Reports: 10/13/2017
- Number of Days to Update: 22
- Source: National Response Center, United States Coast Guard
- Telephone: 202-267-2180
- Last EDR Contact: 01/19/2018
- Next Scheduled EDR Contact: 04/09/2018
- Data Release Frequency: Quarterly

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: 10/30/2017
- Date Data Arrived at EDR: 10/31/2017
- Date Made Active in Reports: 12/15/2017
- Number of Days to Update: 45
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 01/31/2018
- Next Scheduled EDR Contact: 05/14/2018
- 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: 10/30/2017
- Date Data Arrived at EDR: 10/31/2017
- Date Made Active in Reports: 12/15/2017
- Number of Days to Update: 45
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 01/31/2018
- Next Scheduled EDR Contact: 05/14/2018
- 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: 11/13/2017
- Date Data Arrived at EDR: 11/14/2017
- Date Made Active in Reports: 12/07/2017
- Number of Days to Update: 23
- Source: Department of Resources Recycling and Recovery
- Telephone: 916-341-6320
- Last EDR Contact: 02/14/2018
- Next Scheduled EDR Contact: 05/28/2018
- Data Release Frequency: Quarterly

State and tribal leaking storage tank lists
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 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

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.
Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.
Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.
Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 5: Leaking Underground Storage Tank Database
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<th>LUST REG 4: Underground Storage Tank Leak List</th>
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<tbody>
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<td>Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.</td>
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<th>LUST REG 3: Leaking Underground Storage Tank Database</th>
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<td>Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.</td>
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<td>Date of Government Version: 05/19/2003</td>
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<td>Date Data Arrived at EDR: 05/19/2003</td>
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<td>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.</td>
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<td>Date of Government Version: 02/01/2001</td>
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<th>INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land</th>
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<tbody>
<tr>
<td>A listing of leaking underground storage tank locations on Indian Land.</td>
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<tr>
<td>Date of Government Version: 04/14/2017</td>
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<td>Date Data Arrived at EDR: 07/27/2017</td>
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<td>LUSTs on Indian land in Iowa, Kansas, and Nebraska</td>
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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: 05/01/2017  Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017  Telephone: 303-312-6271
Date Made Active in Reports: 10/13/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 78  Next Scheduled EDR Contact: 05/07/2018
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: 04/13/2017  Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/27/2017  Telephone: 415-972-3372
Date Made Active in Reports: 10/13/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 78  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Date of Government Version: 04/25/2017  Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2017  Telephone: 206-553-2857
Date Made Active in Reports: 12/08/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 31  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017  Source: EPA, Region 5
Date Data Arrived at EDR: 07/27/2017  Telephone: 312-886-7439
Date Made Active in Reports: 10/13/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 78  Next Scheduled EDR Contact: 05/07/2018
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: 10/14/2016  Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017  Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2017  Last EDR Contact: 01/19/2018
Number of Days to Update: 98  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Semi-Annually

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

Date of Government Version: 04/24/2017  Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017  Telephone: 214-665-6597
Date Made Active in Reports: 10/06/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 71  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017  Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2017  Telephone: 866-480-1028
Date Made Active in Reports: 01/12/2018  Last EDR Contact: 12/12/2018
Number of Days to Update: 31  Next Scheduled EDR Contact: 03/26/2018
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

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 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
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually
SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
Date of Government Version: 09/07/2004  Source: California Regional Water Quality Control Board, Lahontan Region
Date Data Arrived at EDR: 09/07/2004  Telephone: 530-542-5574
Date Made Active in Reports: 10/12/2004  Last EDR Contact: 08/15/2011
Number of Days to Update: 35  Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
Date of Government Version: 11/24/2004  Source: California Regional Quality Control Board, Colorado River Basin Region
Date Data Arrived at EDR: 11/29/2004  Telephone: 760-346-7491
Date Made Active in Reports: 01/04/2005  Last EDR Contact: 08/01/2011
Number of Days to Update: 36  Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
Date of Government Version: 04/03/2008  Source: California Region Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 04/03/2008  Telephone: 951-782-3298
Date Made Active in Reports: 04/14/2008  Last EDR Contact: 09/12/2011
Number of Days to Update: 11  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  Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 09/11/2007  Telephone: 858-467-2980
Date Made Active in Reports: 09/28/2007  Last EDR Contact: 08/08/2011
Number of Days to Update: 17  Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.
Date of Government Version: 05/15/2017  Source: FEMA
Date Data Arrived at EDR: 05/30/2017  Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017  Last EDR Contact: 01/09/2018
Number of Days to Update: 136  Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies
Date of Government Version: 12/11/2017  Source: SWRCB
Date Data Arrived at EDR: 12/12/2017  Telephone: 916-341-5851
Date Made Active in Reports: 01/17/2018  Last EDR Contact: 12/12/2017
Number of Days to Update: 36  Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually
AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016  Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016  Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016  Last EDR Contact: 12/26/2017
Number of Days to Update: 69  Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

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: 04/14/2017  Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017  Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 71  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

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: 04/24/2017  Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017  Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 134  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

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: 05/02/2017  Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017  Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 71  Next Scheduled EDR Contact: 05/07/2018
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: 10/14/2016  Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017  Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017  Last EDR Contact: 01/19/2018
Number of Days to Update: 98  Next Scheduled EDR Contact: 05/07/2018
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: 04/26/2017  Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017  Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017  Last EDR Contact: 01/23/2018
Number of Days to Update: 71  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies
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: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian
Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

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: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 04/09/2018
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: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly
State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/22/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

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: 01/19/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.
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
Telephone: 703-308-8245

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

Date of Government Version: 06/30/1985
Source: Environmental Protection Agency
Telephone: 800-424-9346

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
Telephone: 415-947-4219

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/19/2018
Source: Drug Enforcement Administration
Telephone: 202-307-1000

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.

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.

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.

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.

Local Lists of Registered Storage Tanks

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.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
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: 11/27/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 19
Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24
Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

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

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 41
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

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: 02/08/2018  
Date Data Arrived at EDR: 02/08/2018  
Date Made Active in Reports: 02/08/2018  
Number of Days to Update: 0  
Next Scheduled EDR Contact: 03/19/2018  
Data Release Frequency: Semi-Annually

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: 09/21/2017  
Date Data Arrived at EDR: 09/21/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 22  
Next Scheduled EDR Contact: 04/09/2018  
Data Release Frequency: Semi-Annually

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: 05/09/2017  
Date Data Arrived at EDR: 07/26/2017  
Date Made Active in Reports: 09/21/2017  
Number of Days to Update: 57  
Next Scheduled EDR Contact: 05/07/2018  
Data Release Frequency: Quarterly

LDS: Land Disposal Sites Listing (GEOTRACKER)  
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017  
Date Data Arrived at EDR: 12/12/2017  
Date Made Active in Reports: 01/11/2018  
Number of Days to Update: 30  
Next Scheduled EDR Contact: 03/26/2018  
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)  
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017  
Date Data Arrived at EDR: 12/12/2017  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 31  
Next Scheduled EDR Contact: 03/26/2018  
Data Release Frequency: Quarterly
SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012  Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013  Telephone: N/A
Date Made Active in Reports: 02/22/2013  Last EDR Contact: 01/03/2013
Number of Days to Update: 50  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
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: 12/11/2017  Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017  Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018  Last EDR Contact: 01/19/2018
Number of Days to Update: 45  Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

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: 01/31/2015  Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015  Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015  Last EDR Contact: 11/22/2017
Number of Days to Update: 97  Next Scheduled EDR Contact: 03/05/2018
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: 10/13/2017
Number of Days to Update: 62  Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Date Data Arrived at EDR: 02/06/2006  Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 10/11/2017
Number of Days to Update: 339  Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: N/A

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.
US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

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.

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.
**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: 12/31/2016**
**Date Data Arrived at EDR: 01/10/2018**
**Date Made Active in Reports: 01/12/2018**
**Number of Days to Update: 2**
**Source: EPA**
**Telephone: 202-566-0250**
**Last EDR Contact: 01/10/2018**
**Next Scheduled EDR Contact: 03/05/2018**
**Data Release Frequency: Annually**

**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: 12/11/2017**
**Date Data Arrived at EDR: 12/22/2017**
**Date Made Active in Reports: 01/12/2018**
**Number of Days to Update: 21**
**Source: EPA**
**Telephone: 202-564-4203**
**Last EDR Contact: 02/06/2018**
**Next Scheduled EDR Contact: 05/07/2018**
**Data Release Frequency: Annually**

**RMP: Risk Management Plans**

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g. the fire department) should an accident occur.

**Date of Government Version: 11/02/2017**
**Date Data Arrived at EDR: 11/17/2017**
**Date Made Active in Reports: 12/08/2017**
**Number of Days to Update: 21**
**Source: Environmental Protection Agency**
**Telephone: 202-564-8600**
**Last EDR Contact: 01/19/2018**
**Next Scheduled EDR Contact: 05/07/2018**
**Data Release Frequency: Annually**

**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**
**Source: EPA**
**Telephone: 202-564-4104**
**Last EDR Contact: 06/02/2008**
**Next Scheduled EDR Contact: 09/01/2008**
**Data Release Frequency: No Update Planned**
PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties
- Date of Government Version: 10/25/2013
- Date Data Arrived at EDR: 10/17/2014
- Date Made Active in Reports: 10/20/2014
- Number of Days to Update: 3
- Next Scheduled EDR Contact: 05/21/2018
- 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: 06/01/2017
- Date Data Arrived at EDR: 06/09/2017
- Date Made Active in Reports: 10/13/2017
- Number of Days to Update: 126
- Next Scheduled EDR Contact: 04/23/2018
- 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: 11/18/2016
- Date Data Arrived at EDR: 11/23/2016
- Date Made Active in Reports: 02/10/2017
- Number of Days to Update: 79
- Next Scheduled EDR Contact: 04/23/2018
- Data Release Frequency: Quarterly

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
- Date Data Arrived at EDR: 04/16/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 25
- Next Scheduled EDR Contact: 12/04/2017
- 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
- Date Data Arrived at EDR: 04/16/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 25
- Next Scheduled EDR Contact: 12/04/2017
- Data Release Frequency: Quarterly

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: 08/30/2016
- Date Data Arrived at EDR: 09/08/2016
- Date Made Active in Reports: 10/21/2016
- Number of Days to Update: 43
- Next Scheduled EDR Contact: 05/21/2018
- Data Release Frequency: Quarterly
COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.
- Date of Government Version: 12/31/2005
- Date Data Arrived at EDR: 08/07/2009
- Date Made Active in Reports: 10/22/2009
- Number of Days to Update: 76
- Next Scheduled EDR Contact: 03/19/2018
- Source: Department of Energy
- Telephone: 202-586-8719
- Last EDR Contact: 12/05/2017
- Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.
- Date of Government Version: 07/01/2014
- Date Data Arrived at EDR: 10/20/2014
- Number of Days to Update: 40
- Next Scheduled EDR Contact: 03/19/2018
- Source: Environmental Protection Agency
- Telephone: N/A
- Last EDR Contact: 12/08/2017
- Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.
- Date of Government Version: 05/24/2017
- Date Data Arrived at EDR: 11/30/2017
- Number of Days to Update: 15
- Next Scheduled EDR Contact: 05/07/2018
- Source: Environmental Protection Agency
- Telephone: 202-566-0517
- Last EDR Contact: 01/26/2018
- Next Scheduled EDR Contact: 05/07/2018
- Data Release Frequency: Varies

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: 10/02/2017
- Date Data Arrived at EDR: 10/05/2017
- Number of Days to Update: 8
- Next Scheduled EDR Contact: 04/16/2018
- Source: Environmental Protection Agency
- Telephone: 202-343-9775
- Last EDR Contact: 01/04/2018
- 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
- Number of Days to Update: 40
- Next Scheduled EDR Contact: 03/17/2008
- Source: Environmental Protection Agency
- Telephone: 202-564-2501
- Last EDR Contact: 12/17/2007
- Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.
- Date of Government Version: 10/19/2006
- Date Data Arrived at EDR: 03/01/2007
- Number of Days to Update: 40
- Next Scheduled EDR Contact: 03/17/2008
- Source: Environmental Protection Agency
- Telephone: 202-564-2501
- Last EDR Contact: 12/17/2007
- Data Release Frequency: No Update Planned
**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

- **DOT OPS: Incident and Accident Data**
  - Department of Transportation, Office of Pipeline Safety Incident and Accident data.
  - Date of Government Version: 07/31/2012
  - Date Data Arrived at EDR: 08/07/2012
  - Date Made Active in Reports: 08/18/2012
  - Number of Days to Update: 42
  - Source: Department of Transportation, Office of Pipeline Safety
  - Telephone: 202-366-4595
  - Last EDR Contact: 01/19/2018
  - Next Scheduled EDR Contact: 05/14/2018
  - 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: 09/30/2017
  - Date Data Arrived at EDR: 11/10/2017
  - Date Made Active in Reports: 01/12/2018
  - Number of Days to Update: 63
  - Source: Department of Justice, Consent Decree Library
  - Telephone: Varies
  - Last EDR Contact: 04/02/2018
  - Next Scheduled EDR Contact: 04/02/2018
  - Data Release Frequency: Varies

- **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: 12/31/2015
  - Date Data Arrived at EDR: 02/22/2017
  - Date Made Active in Reports: 09/28/2017
  - Number of Days to Update: 218
  - Source: EPA/NTIS
  - Telephone: 800-424-9346
  - Last EDR Contact: 11/20/2017
  - Next Scheduled EDR Contact: 03/05/2018
  - Data Release Frequency: Biennially

- **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: 12/31/2014
  - Date Data Arrived at EDR: 07/14/2015
  - Date Made Active in Reports: 01/10/2017
  - Number of Days to Update: 546
  - Source: USGS
  - Telephone: 202-208-3710
  - Last EDR Contact: 01/09/2018
  - Next Scheduled EDR Contact: 04/23/2018
  - Data Release Frequency: Semi-Annually

- **FUSRAP: Formerly Utilized Sites Remedial Action Program**
  - DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.
  - Date of Government Version: 12/23/2016
  - Date Data Arrived at EDR: 12/27/2016
  - Date Made Active in Reports: 02/17/2017
  - Number of Days to Update: 52
  - Source: Department of Energy
  - Telephone: 202-586-3559
  - Last EDR Contact: 01/19/2018
  - Next Scheduled EDR Contact: 05/21/2018
  - Data Release Frequency: Varies

- **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.
<table>
<thead>
<tr>
<th>Database Name</th>
<th>Description</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead Smelter Sites 1</td>
<td>A listing of former lead smelter site locations.</td>
<td>Department of Energy</td>
<td>505-845-0011</td>
<td>11/22/2017</td>
<td>03/05/2018</td>
<td>Varies</td>
</tr>
<tr>
<td>Lead Smelter Sites 2</td>
<td>A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.</td>
<td>Environmental Protection Agency</td>
<td>703-603-8787</td>
<td>02/06/2018</td>
<td>05/21/2018</td>
<td>Varies</td>
</tr>
<tr>
<td>US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)</td>
<td>The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.</td>
<td>EPA</td>
<td>202-564-2496</td>
<td>09/26/2017</td>
<td>01/08/2018</td>
<td>Annually</td>
</tr>
<tr>
<td>US MINES: Mines Master Index File</td>
<td>Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.</td>
<td>Department of Labor, Mine Safety and Health Administration</td>
<td>303-231-5959</td>
<td>11/28/2017</td>
<td>03/12/2018</td>
<td>Semi-Annually</td>
</tr>
<tr>
<td>US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing</td>
<td>This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.</td>
<td>Department of Labor, Mine Safety and Health Administration</td>
<td>303-231-5959</td>
<td>11/28/2017</td>
<td>03/12/2018</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>
US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

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).

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations
DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.
Date of Government Version: 06/27/2017
Date Data Arrived at EDR: 11/21/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.
Date of Government Version: 11/20/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 53
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).
Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/08/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 0
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.
Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
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: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Varies
ENF: Enforcement Action Listing

Date of Government Version: 11/01/2017  Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/03/2017  Telephone: 916-445-9379
Date Made Active in Reports: 12/07/2017  Last EDR Contact: 01/22/2018
Number of Days to Update: 34  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/23/2017  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2017  Telephone: 916-255-3628
Date Made Active in Reports: 12/15/2017  Last EDR Contact: 01/22/2018
Number of Days to Update: 52  Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/14/2017  Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 11/17/2017  Telephone: 916-341-6066
Date Made Active in Reports: 12/18/2017  Last EDR Contact: 02/08/2018
Number of Days to Update: 31  Next Scheduled EDR Contact: 05/28/2018
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. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016  Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017  Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017  Last EDR Contact: 01/08/2018
Number of Days to Update: 97  Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/20/2017  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/20/2017  Telephone: 877-786-9427
Date Made Active in Reports: 12/27/2017  Last EDR Contact: 11/20/2017
Number of Days to Update: 37  Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2001  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009  Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009  Last EDR Contact: 01/22/2009
Number of Days to Update: 76  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned
HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.
Date of Government Version: 11/20/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 37
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

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.
Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 01/09/2018
Date Made Active in Reports: 02/06/2018
Number of Days to Update: 28
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.
Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 31
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

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.
Date of Government Version: 11/29/2017
Date Data Arrived at EDR: 12/05/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 42
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.
Date of Government Version: 11/13/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 23
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.
Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 12/05/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 42
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database  
A listing of certified processors.
- Date of Government Version: 12/11/2017  
- Date Data Arrived at EDR: 12/12/2017  
- Date Made Active in Reports: 01/16/2018  
- Number of Days to Update: 35  
- Source: Department of Conservation  
- Telephone: 916-323-3836  
- Last EDR Contact: 12/12/2017  
- Next Scheduled EDR Contact: 03/26/2018  
- Data Release Frequency: Quarterly

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: 12/14/2017  
- Date Data Arrived at EDR: 12/15/2017  
- Date Made Active in Reports: 01/16/2018  
- Number of Days to Update: 32  
- Source: State Water Resources Control Board  
- Telephone: 916-445-3846  
- Last EDR Contact: 12/13/2017  
- Next Scheduled EDR Contact: 04/02/2018  
- Data Release Frequency: No Update Planned

UIC: UIC Listing  
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.
- Date of Government Version: 12/11/2017  
- Date Data Arrived at EDR: 12/12/2017  
- Date Made Active in Reports: 01/17/2018  
- Number of Days to Update: 36  
- Source: Department of Conservation  
- Telephone: 916-445-2408  
- Last EDR Contact: 12/12/2017  
- Next Scheduled EDR Contact: 03/26/2018  
- Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing  
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board’s review found that more than one-third of the region’s active disposal pits are operating without permission.
- Date of Government Version: 04/15/2015  
- Date Data Arrived at EDR: 04/17/2015  
- Date Made Active in Reports: 06/23/2015  
- Number of Days to Update: 67  
- Source: RWQCB, Central Valley Region  
- Telephone: 559-445-5577  
- Last EDR Contact: 01/12/2018  
- Next Scheduled EDR Contact: 04/23/2018  
- Data Release Frequency: Varies

WDS: Waste Discharge System  
Sites which have been issued waste discharge requirements.
- Date of Government Version: 06/19/2007  
- Date Data Arrived at EDR: 06/20/2007  
- Date Made Active in Reports: 06/29/2007  
- Number of Days to Update: 9  
- Source: State Water Resources Control Board  
- Telephone: 916-341-5227  
- Last EDR Contact: 02/15/2018  
- Next Scheduled EDR Contact: 06/04/2018  
- Data Release Frequency: Quarterly

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: 12/19/2017  
- Next Scheduled EDR Contact: 04/09/2018  
- Data Release Frequency: Varies
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.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto 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.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical 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.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.
<table>
<thead>
<tr>
<th>County</th>
<th>Records Type</th>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<tbody>
<tr>
<td>ALAMEDA COUNTY</td>
<td>Contaminated Sites</td>
<td>09/22/2017</td>
<td>09/22/2017</td>
<td>10/10/2017</td>
<td>18</td>
<td>Alameda County Environmental Health Services</td>
<td>510-567-6700</td>
<td>01/04/2018</td>
<td>04/23/2018</td>
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<td></td>
<td>Underground Tanks</td>
<td>10/11/2017</td>
<td>10/12/2017</td>
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<td>27</td>
<td>Alameda County Environmental Health Services</td>
<td>510-567-6700</td>
<td>01/22/2018</td>
<td>04/24/2047</td>
<td>Semi-Annually</td>
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<td>AMADOR COUNTY</td>
<td>CUPA Facility List</td>
<td>12/08/2017</td>
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<td>15</td>
<td>Amador County Environmental Health</td>
<td>209-223-6439</td>
<td>11/30/2017</td>
<td>03/19/2018</td>
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<td>BUTTE COUNTY</td>
<td>CUPA Facility Listing</td>
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</table>
CALVERAS COUNTY:
CUPA Facility Listing
Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 64
Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:
CUPA Facility List
Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69
Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/21/2018
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: 11/20/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 51
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:
CUPA Facility List
Date of Government Version: 10/31/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/14/2017
Number of Days to Update: 13
Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

EL DORADO COUNTY:
CUPA Facility List
CUPA facility list.
FRESNO COUNTY:
CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 40
Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:
CUPA Facility List
Cupa facility list

Date of Government Version: 10/25/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 19
Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:
CUPA Facility List
CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69
Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:
CUPA Facility List
Cupa facility list.

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 22
Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INYO COUNTY:
CUPA Facility List
Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56
Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/20/2017
Number of Days to Update: 43
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county’s Certified Unified Program Agency database. California’s Secretary
for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program
as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration,
permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28
Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 11/09/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 5
Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 07/24/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 82
Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 5
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 01/16/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 29
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/09/2017
Number of Days to Update: 171
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

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

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 01/17/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 28
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/17/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

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

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

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

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually
City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county’s Certified Unified Program Agency database. California’s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 10/26/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/06/2017
Number of Days to Update: 10
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 12
Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 01/02/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/12/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 27
Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 11/21/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 30
Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

MONTEREY COUNTY:
CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/11/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 20

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/20/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

NAPA COUNTY:
Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 11/22/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:
CUPA Facility List
CUPA facility list.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 8

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

ORANGE COUNTY:
List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 28

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly
List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).
Date of Government Version: 11/02/2017 Source: Health Care Agency
Date Data Arrived at EDR: 11/07/2017 Telephone: 714-834-3446
Date Made Active in Reports: 12/19/2017 Last EDR Contact: 02/07/2018
Number of Days to Update: 42 Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

PLACER COUNTY:
Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.
Date of Government Version: 12/08/2017 Source: Placer County Health and Human Services
Date Data Arrived at EDR: 12/12/2017 Telephone: 530-745-2363
Date Made Active in Reports: 01/31/2018 Last EDR Contact: 11/30/2017
Number of Days to Update: 50 Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:
CUPA Facility List
Plumas County CUPA Program facilities.
Date of Government Version: 10/23/2017 Source: Plumas County Environmental Health
Date Data Arrived at EDR: 11/03/2017 Telephone: 530-283-6355
Date Made Active in Reports: 11/15/2017 Last EDR Contact: 01/22/2018
Number of Days to Update: 12 Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:
Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 10/11/2017 Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017 Telephone: 951-358-5055
Date Made Active in Reports: 11/09/2017 Last EDR Contact: 12/15/2017
Number of Days to Update: 28 Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.
Date of Government Version: 10/12/2017 Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017 Telephone: 951-358-5055
Date Made Active in Reports: 11/08/2017 Last EDR Contact: 12/15/2017
Number of Days to Update: 27 Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:
Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.
Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

SAN BENITO COUNTY:
CUPA Facility List
Cupa facility list

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.
Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.
Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:
Local Oversight Facilities
A listing of leaking underground storage tank sites located in San Francisco county.
Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.
Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:
San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.
Date of Government Version: 12/20/2017
Date Data Arrived at EDR: 12/21/2017
Date Made Active in Reports: 02/01/2018
Number of Days to Update: 42
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:
CUPA Facility List
Cupa Facility List.
Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:
Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/12/2017  
Date Data Arrived at EDR: 12/14/2017  
Date Made Active in Reports: 01/11/2018  
Number of Days to Update: 28  
Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/06/2017  
Next Scheduled EDR Contact: 03/26/2018  
Data Release Frequency: Annually

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

Date of Government Version: 12/12/2017  
Date Data Arrived at EDR: 12/14/2017  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 29  
Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 01/22/2018  
Next Scheduled EDR Contact: 03/26/2018  
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:
CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28  
Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 02/15/2018  
Next Scheduled EDR Contact: 06/04/2018  
Data Release Frequency: Varies

SANTA CLARA COUNTY:
Cupa Facility List
Cupa facility list

Date of Government Version: 11/14/2017  
Date Data Arrived at EDR: 11/16/2017  
Date Made Active in Reports: 01/04/2018  
Number of Days to Update: 49  
Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 02/15/2018  
Next Scheduled EDR Contact: 06/04/2018  
Data Release Frequency: Varies

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: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13  
Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 11/21/2017  
Next Scheduled EDR Contact: 03/12/2018  
Data Release Frequency: Annually
Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2017
Source: City of San Jose Fire Department
Date Data Arrived at EDR: 11/03/2017
Telephone: 408-535-7694
Date Made Active in Reports: 12/07/2017
Last EDR Contact: 02/01/2018
Number of Days to Update: 34
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:
CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Source: Santa Cruz County Environmental Health
Date Data Arrived at EDR: 02/22/2017
Telephone: 831-464-2761
Date Made Active in Reports: 05/23/2017
Last EDR Contact: 02/15/2018
Number of Days to Update: 90
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SHASTA COUNTY:
CUPA Facility List
Cup Facility List.

Date of Government Version: 06/15/2017
Source: Shasta County Department of Resource Management
Date Data Arrived at EDR: 06/19/2017
Telephone: 530-225-5789
Date Made Active in Reports: 08/09/2017
Last EDR Contact: 02/15/2018
Number of Days to Update: 51
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SOLANO COUNTY:
Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017
Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 12/15/2017
Telephone: 707-784-6770
Date Made Active in Reports: 01/12/2018
Last EDR Contact: 12/08/2017
Number of Days to Update: 28
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2017
Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 12/15/2017
Telephone: 707-784-6770
Date Made Active in Reports: 01/18/2018
Last EDR Contact: 12/08/2017
Number of Days to Update: 34
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:
Cupa Facility List
Cupa Facility list
Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

STANISLAUS COUNTY:
CUPA Facility List
Cupa facility list

SUTTER COUNTY:
Underground Storage Tanks
Underground storage tank sites located in Sutter county.

TEHAMA COUNTY:
CUPA Facility List
Cupa facilities

TRINITY COUNTY:
CUPA Facility List
Cupa facility list

TULARE COUNTY:
CUPA Facility List
Cupa program facilities
Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18
Source: Tulare County Environmental Health Services Division
Telephone:  559-624-7400
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:
CUPA Facility List
Cupa facility list
Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 22
Source: Division of Environmental Health
Telephone:  209-533-5633
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

VENTURA COUNTY:
Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.
Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43
Source: Ventura County Environmental Health Division
Telephone:  805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.
Date of Government Version: 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
Source: Environmental Health Division
Telephone:  805-654-2813
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/16/2018
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: 02/08/2018
Next Scheduled EDR Contact: 05/28/2018
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: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43
Source: Ventura County Resource Management Agency
Telephone:  805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
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: 11/27/2017  
Source: Environmental Health Division
Date Data Arrived at EDR: 12/13/2017  
Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2018  
Last EDR Contact: 12/11/2017
Number of Days to Update: 37  
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 01/02/2018  
Source: Yolo County Department of Health
Date Data Arrived at EDR: 01/09/2018  
Telephone: 530-666-8646
Date Made Active in Reports: 01/19/2018  
Last EDR Contact: 01/02/2018
Number of Days to Update: 10  
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017  
Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/10/2017  
Telephone: 530-749-7523
Date Made Active in Reports: 11/16/2017  
Last EDR Contact: 01/29/2018
Number of Days to Update: 6  
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

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: 11/11/2017  
Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2017  
Telephone: 860-424-3375
Date Made Active in Reports: 12/18/2017  
Last EDR Contact: 02/14/2018
Number of Days to Update: 34  
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017  
Telephone: N/A
Date Made Active in Reports: 07/27/2017  
Last EDR Contact: 01/05/2018
Number of Days to Update: 107  
Next Scheduled EDR Contact: 04/23/2018
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: 10/01/2017
- Date Data Arrived at EDR: 11/01/2017
- Date Made Active in Reports: 11/13/2017
- Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2016
- Date Data Arrived at EDR: 07/25/2017
- Date Made Active in Reports: 09/25/2017
- Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information

- Date of Government Version: 12/31/2013
- Date Data Arrived at EDR: 06/19/2015
- Date Made Active in Reports: 07/15/2015
- Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information

- Date of Government Version: 12/31/2016
- Date Data Arrived at EDR: 04/13/2017
- Date Made Active in Reports: 07/14/2017
- Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.
Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

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

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

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

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION
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APPENDIX D

SITE DOCUMENTATION
March 18, 1999

Jesse McCafferty
1370 Burbank
Santa Rosa, CA 95407

Dear Mr. McCafferty:

Subject: Well Sampling Results for 1370 Burbank Avenue.
File: McMinn Avenue Site

As you may know, in 1984 the area around McMinn Avenue and Sebastopol Road was identified on a list of state hazardous waste sites because of groundwater pollution that affected several wells in the Roseland District near Sebastopol Road. This area was placed on a list for state Superfund sites, created by the California Department of Toxic Substances Control, and was identified as the McMinn Avenue Superfund Site (Minn Site). Most of the groundwater pollution in the area is caused by chemicals called hydrocarbons, including petroleum products such as gasoline and diesel fuel and also volatile organic compounds (VOCs) including industrial solvents and cleaners. The North Coast Regional Water Quality Control Board (NCRWQCB) has been working to identify the sources of this groundwater pollution. In addition, the NCRWQCB collected a sample from your well on behalf of the U. S. Environmental Protection Agency on August 25, 1998, as part of an effort to help determine the area of contamination and whether your well has been affected by the contamination.

On January 8, 1999, we wrote you that the analysis for your well water had not been received by this agency. We have just received validated laboratory results for the analysis of VOCs in your well water. These results show that none of the hydrocarbons known to be in the groundwater in the area were found in your well on the date we sampled. While the information for your well is re-assuring, please be aware that groundwater can move, especially in response to seasonal changes or the proximity of another pumping well. For this reason, periodic re-sampling of your well is advised. Enclosure 1 is a Fact Sheet on well testing opportunities. Since you are located in the County there is a program available for grants to assist in hooking up to the public water system. Enclosure 2 contains information on this local program. You should contact Steve McCoy at (707) 524-7545 if you wish to learn more about the available programs for replacement water supplies.
The NCRWQCB is continuing to investigate the groundwater pollution in the McMinn Superfund Area and is closer to identifying how far the contamination has spread and where the contamination first came from, which allows cleanup measures to begin at each facility. We will keep the community informed about our progress in investigating and cleaning up the contamination. If you wish to be on our mailing list to receive periodic updates, please call us at 576-2220 and request addition to the McMinn Mailing List.

Thank you for your cooperation in allowing us to sample the well, and again allow me to apologize for the delay in obtaining final laboratory results. Please call me at 576-2802 if you have any questions.

Sincerely,

Bill Erdei
Engineering Geologist

WTE:tmk\1370burb.doc

Enclosures:
(1) Well Testing Fact Sheet.
(2) Rehabilitation Programs

cc: Sharon Marchetti, 789 Lombardi Court, Suite 205, Santa Rosa, CA 95407
Mark Bartson, Office of Drinking Water, 50 D Street, Suite 205, Santa Rosa, CA 95404-4752
J.J. Krug, Sonoma County Environmental Health Department, 1030 Center Drive, Suite A, Santa Rosa, CA 95403
Jane Riggan, Department of Health Services, 1515 Clay Street, Suite 1700, Oakland, CA 94612
Gale J. Brownell, City of Santa Rosa, Housing and Redevelopment, P.O. Box 1806, Santa Rosa, CA 95402-1806
Kathleen Kane, Sonoma County Community Development, 1440 Guerneville Road, Santa Rosa, CA 95403
January 8, 1999

Walter McCallum  
1267 Burbank Avenue  
Santa Rosa, CA 95407

Dear Mr. McCallum:

Subject: Well Sampling Results for 1267 Burbank Avenue  
File: McMinn Avenue Site

As you may know, in 1984 the area around McMinn Avenue and Sebastopol Road was identified on a list of state hazardous waste sites because of groundwater pollution that affected several wells in the Roseland District near Sebastopol Road. This area was placed on a list for state Superfund sites, created by the California Department of Toxic Substances Control, and was identified as the McMinn Avenue Superfund Site (McMinn Site). Most of the groundwater pollution in the area is caused by chemicals called hydrocarbons, including petroleum products such as gasoline and diesel fuel and also volatile organic compounds (VOCs) including industrial solvents and cleaners. The North Coast Regional Water Quality Control Board (NCRWQCB) has been working to identify the sources of this groundwater pollution. In addition, the NCRWQCB collected two samples from your well on behalf of the U. S. Environmental Protection Agency on August 25, 1998, as part of an effort to help determine the area of contamination and whether your well has been affected by the contamination.

Considerable time has passed since the date we collected the samples from your well. The NCRWQCB shares your concern in the delay in receiving final laboratory results for the sample from your well. We have only received results from the state lab for the gasoline analysis performed on one of the samples from your well. Results for this sample show that total petroleum hydrocarbons, measured as gasoline, were not detected in your well water. However, at this time, we have not received the laboratory results for the VOC analysis performed on the other sample from the well. We have recently learned that the final results may be delayed to February because of a backlog in quality control reviews. We will inform you of the results of the VOC analysis as soon as we can obtain this information.
Thank you for your cooperation in allowing us to sample the well, and again allow me to apologize for the delay in obtaining laboratory results for the VOC analysis. Please call me at 576-2802 if you have any questions.

Sincerely,

Bill Erdei
Engineering Geologist

cc  Mark Bartson, Office of Drinking Water, 50 D Street, Suite 205, Santa Rosa, CA  95404-4752
J.J. Krug, Sonoma County Environmental Health Department, 1030 Center Drive, Suite A, Santa Rosa, CA  95403
Jane Riggan, Department of Health Services, 1515 Clay Street, Suite 1700, Oakland, CA  94612
Gale J. Brownell, City of Santa Rosa, Housing and Redevelopment, P.O. Box 1806, Santa Rosa, CA 95402-1806
Kathleen Kane, Sonoma County Community Development, 1440 Guerneville Road, Santa Rosa, CA  95403
January 8, 1999

Jessie McCafferty
1370 Burbank Avenue
Santa Rosa, CA  95407

Dear Mr. McCafferty

Subject: Well Sampling Results for 1370 Burbank Avenue
File: McMinn Avenue Site

As you may know, in 1984 the area around McMinn Avenue and Sebastopol Road was identified on a list of state hazardous waste sites because of groundwater pollution that affected several wells in the Roseland District near Sebastopol Road. This area was placed on a list for state Superfund sites, created by the California Department of Toxic Substances Control, and was identified as the McMinn Avenue Superfund Site (McMinn Site). Most of the groundwater pollution in the area is caused by chemicals called hydrocarbons, including petroleum products such as gasoline and diesel fuel and also volatile organic compounds (VOCs) including industrial solvents and cleaners. The North Coast Regional Water Quality Control Board (NCRWQCB) has been working to identify the sources of this groundwater pollution. In addition, the NCRWQCB collected samples from your well on behalf of the U. S. Environmental Protection Agency (U.S. EPA) on August 25, 1998, as part of an effort to help determine the area of contamination and whether your well has been affected by the contamination.

Although considerable time has passed since the date we collected the samples from your well, the analyses from the U.S. EPA laboratory for your well water have not yet been received by this agency. The NCRWQCB shares your concern in the delay in receiving laboratory results for the sample from your well. Although we have been trying to acquire this information, we have recently learned that the results may be delayed to February because of a backlog at the federal laboratory. We will inform you of the results of the water analyses as soon as we can obtain this information.
Thank you for your cooperation in allowing us to sample the well, and again allow me to apologize for the delay in obtaining laboratory results. Please call me at 576-2802 if you have any questions.

Sincerely,

Bill Erdei
Engineering Geologist

cc Mark Bartson, Office of Drinking Water, 50 D Street, Suite 205,
Santa Rosa, CA 95404-4752
J.J. Krug, Sonoma County Environmental Health Department, 1030 Center Drive,
Suite A, Santa Rosa, CA 95403
Jane Riggan, Department of Health Services, 1515 Clay Street, Suite 1700,
Oakland, CA 94612
Gale J. Brownell, City of Santa Rosa, Housing and Redevelopment, P.O. Box 1806,
Santa Rosa, CA 95402-1806
Kathleen Kane, Sonoma County Community Development, 1440 Guerneville Road,
Santa Rosa, CA 95403
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Q-Laboratory Data Qualifiers
Refer to EPA Region 9 Laboratory Qualifier Definitions
July 17, 1998

Jessie McCafferty
1370 Burbank Ave.
Santa Rosa, CA. 95407

Dear Mr. McCafferty:

Subject: 1370 Burbank Ave.; McMinn Avenue Superfund, McMinn well file; Laboratory results for domestic well water samples

Enclosed please find the laboratory analyses for groundwater samples collected from your domestic well on June 17, 1998. The samples were analyzed for Total Petroleum Hydrcarbons as gasoline (TPH-g) and as diesel (TPH-d), volatile organic compounds using a drinking water method (EPA 502.2), and for MTBE, a fuel oxygenate.

The chemical compound 1,2-Dichloroethane (1,2-DCA) was detected in the samples at 1.4 parts per billion (ppb) in the front well which you are using, and at 1.1 ppb in the well at the rear of the property. The maximum contaminant level for 1,2-DCA in drinking water is 0.5 ppb. The concentration of 1,2-DCA present in your wells exceed this drinking water standard. You may wish to contact the Sonoma County Environmental Health Department for further information on the use of these wells.

The North Coast Regional Water Quality Control Board is continuing to investigate groundwater contamination in the McMinn Superfund Area and the possible source of contamination in your well.

Thank you for your cooperation and assistance in this investigation. Please contact me at (707) 576-2688 if you have any questions.

Sincerely,

Jim Tischler
Environmental Specialist Intern

JAT:tmk\mcnito01

California Environmental Protection Agency

Recycled Paper
Enclosure
Chemical Examination Report

cc: J.J. Krug, Jeff Lewin, Ron Addis, Sonoma County Environmental Health Department
    Bruce Burton, Office of Drinking Water, 50 D Street, Santa Rosa, CA 95404
    Bill Urton, Water Department, City of Santa Rosa, 69 Stony Circle, Santa Rosa, CA
REPORT Water Quality Control Board
TO 6550 Skyline Boulevard
Suite A
Santa Rosa, CA 95403
Attn: Jim Tischler

WORK ID: McMinn Domestic Wells

REPORT CERTIFIED BY

[Signatures]

Laboratory Supervisor(s)

QA Officer

Laboratory Director

Date: 07/06/98

REPORT

Page 1 of 15

WORK ORDER 98-05-433

FO # Contract #5-050-110-0

INVOICE # 60567377

SAMPLE IDENTIFICATION

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EPA 502.2: The positive 1,2-UNA results for samples 02F --> 05E were confirmed by second column, suggest GCMS.

Diesel/MO: A surrogate is not added to the diesel/motor oil samples because the surrogate elutes in the motor oil range.

Notes and Definitions:

Limit = Reporting Limit
NQ = Not Quantifiable
ND = None Detected
NR = Not Requested

5680 West End Road, Arcata California 95521 - 707-822-4649 - FAX 707-822-6831

Printed on Recycled Paper
### Sample ID: 1170 Burbank Rear

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**COLLECTED:** 06/17/98  
**RECEIVED:** 06/28/98
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<td>1.0</td>
<td>06/24/98</td>
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<td>Fluorobenzene</td>
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<td>% Rec</td>
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</table>

SAMPLE ID: Front 3370 Butbank  
FRAC.: 03C COLLECTED: 06/17/98 RECEIVED: 06/18/98

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>RESULT</th>
<th>LIMIT</th>
<th>UNITS</th>
<th>DIL.FACTOR</th>
<th>EXTRACTED</th>
<th>RUN</th>
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<tr>
<td>TPHD &amp; Motor Oil/water</td>
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<td>TPHD - Diesel</td>
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<td>ug/L</td>
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<td>07/01/98</td>
<td>EPA3510GCFID</td>
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<td>TPHD - Motor Oil</td>
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<td>ug/L</td>
<td>1.0</td>
<td>06/29/98</td>
<td>07/01/98</td>
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</tbody>
</table>
McMinn domestic well sampling June 1998

Sample collectors: Jim Davidson and Jim Tischler
Analyses to be performed: TPH-D + motor oil; TPH-G; and EPA 502.2

June 15, 1998 Monday
- 1828 West Ave  Elaine McIlvaine, 778-1513 time: 1010 hr.
- 1119 Sunset  Dennis Hagemann, 575-1297 time: 1100
- 2220 Sebastopol Rd  Jim Seaton  575-9004 time: 1135

The above listed samples were shipped to North Coast Laboratories, Inc. via FedEx on 6/15/98, air bill #0632917375

June 17 Wednesday
- 1215 Gloria St.  Chris Allen  5273367 time of sampling: 0945
  This address is the house is at the rear of the driveway. The well is in the south yard, we used the hose bib on the south wall of the house.
- 1370 Burbank  Jessie McCafferty  565 time of sampling: 1020 (1) and 1055 (2)
  2 wells are at this location: the well in back is out of service
  We used a bailer to sample standing water in this well.
  The well nearest the house is in service about 25' behind the house.
- 983 Dutton  Leonard Halvorsen  542-5641 time: 1130
  PO Box 7033, Santa Rosa 95402
- 781 Dutton tenant: Patricia Fain time: 1215
  PO Box 493 Santa Rosa 95402

the above samples were shipped to North Coast Laboratories, Inc. via FedEx on 6/17/98

June 18 Thursday
- 857 Dutton time of sampling: 1015
  This well is used for watering the yard and vegetable garden. Please copy lab results to residents:
  Casa Cal Mecca c/o Joe Barahas 573-1590
  PO Box 7033, Santa Rosa 95402
- 1109 Dutton time of sample: 1120
  This well is used for drinking and all other domestic needs. A chlorination system was disconnected and the well water was sampled at the well head before the point of chlorine injection.
  copy: Mr. & Mrs. Jailet at site address

the above samples were shipped to North Coast Laboratories, Inc via FedEx on 6/18/98

Note:
The next domestic well sampling event should include 1098 Lilac Dr.
Robert Linehammer
894-7217 shop
894-7247 office
**INTEROFFICE COMMUNICATION**

**TO:** Bill Erdel / Sue Warner  
**DATE:** 7/20/98  
**FROM:** Jim Davidson  
**SUBJECT:** McMinn Well Sampling - June 98

<table>
<thead>
<tr>
<th>No.</th>
<th>Address</th>
<th>Name</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1828 West Ave</td>
<td>Elaine McNulty</td>
<td>775-1573</td>
</tr>
<tr>
<td>2.</td>
<td>1119 Sunset</td>
<td>Dennis Hagenann</td>
<td>575-1257</td>
</tr>
<tr>
<td>3.</td>
<td>2220 Sedgwick Rd.</td>
<td>Jim Sutton</td>
<td>575-9004</td>
</tr>
<tr>
<td>4.</td>
<td>1215 Glaron St.</td>
<td>Chris Allen</td>
<td>527-3367</td>
</tr>
<tr>
<td>5.</td>
<td>1370 Burbank</td>
<td>Jessie McGuiferty</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>983 Dutton</td>
<td>Leonard Helversen</td>
<td>542-5491</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Po. Box 7033, Santa Rosa 95402</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>781 Dutton</td>
<td>tenant: Patricia Fain</td>
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<tr>
<td></td>
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<td>Po. Box 493, SR 95402</td>
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</tr>
<tr>
<td>8.</td>
<td>857 Dutton, Casa Cal Mecca</td>
<td>C/O Joe Barasbas</td>
<td>573-1570</td>
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<tr>
<td>9.</td>
<td>1109 Dutton</td>
<td>Mr. &amp; Mrs. Jollett</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>1098 Lilac Dr.</td>
<td>Robert Linehammer</td>
<td>894-7247</td>
</tr>
</tbody>
</table>

**ACTION NEEDED:**
Memorandum

To: Tuck Vath
Regional Water Quality Control Board
North Coast Region
1440 Guerneville Road
Santa Rosa, CA 95401

From: Mark Piros
Department of Health Services
Toxic Substances Control Division
North Coast California Section
2151 Berkeley Way, Annex 7
Berkeley, CA 94704

Date: November 7, 1986

Subject: Water Quality Control Board Request Region 1

As per our conversation at the meeting on October 30th at the Sonoma County Public Health Department, I am sending you the name and address of a family who requested we sample their wells, but who are located outside the McMinn Avenue Study Area.

Their names and address is:

Mark and Julianne Tolleson
1370 Burbank Avenue
Santa Rosa, CA 95407
(707) 542-1957

TOLLESON Dr.
submersible pump
partial seal
flow

From what they have told me in speaking with them on the phone, their water has a film on it, and they do not drink it. There are two wells on the property, one 65 feet deep drilled prior to 1940 which is used for domestic purposes, and another of unknown depth drilled prior to 1910 which is used for irrigation.

resampled 12/18/86
@ 1500 hrs.

MP: tmk

cc: Andy Burow, NCCS-SMU
Thomas Knox, NCCS
Tuck Vath  
California Regional Water Quality  
Control Board - North Coast Region  
1440 Guerneville Road  
Santa Rosa, CA  95401

January 6, 1987

ANATEC Log No: 85587-1
Series No: 012[13]203
Client Ref: 6-003-110-0

Subject: Analysis of One Sample Identified as "Tolleson DW 12/4/86 1400" Received December 4, 1986

Dear Mr. Vath:

Analysis of the sample referenced above has been completed. This report is written in confirmation of results transmitted verbally on December 17, 1986.

The sample was submitted in two, 40-milliliter glass vials sealed with Teflon septa and screw caps. On receipt, the sample was noted to be at approximately ambient temperature, legibly labeled and otherwise in good condition.

To measure contents of purgeable halocarbons and purgeable aromatic compounds, the sample was analyzed in accord with Methods 601 and 602 ("Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act," 40 CFR, Part 136, U.S. EPA, 1984). Briefly, the analysis consisted of purging portions of sample with reagent helium in a closed system. Compounds sparged from sample were collected on a sorbent "trap" and later thermally desorbed and swept onto the column of a gas chromatograph. Following separation by the column, individual compounds were detected and quantified using Hall electrolytic conductivity and photoionization detectors.

At your request, a one-hundred microgram-per-liter (parts-per-billion) diesel oil standard was analyzed by this method to confirm that the analytical system did not respond to the oil.
Results of analysis are presented in Table 1. Results of quality control procedures which accompanied analysis of samples are not included in this report but are available upon request. Please feel welcome to contact us should you have questions regarding procedures or results.

Submitted by:  

Susan Joy Griffin  
Project Chemist

Approved by:  

Greg Anderson, Director  
Analytical Laboratories
Table 1. Summarized Testing Results\textsuperscript{1,2} for "Tolleson DW, 12/4/86"

<table>
<thead>
<tr>
<th>Parameter</th>
<th>MDL\textsuperscript{3} (ug/L)</th>
<th>Descriptor, Lab No. &amp; Results</th>
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</thead>
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<tr>
<td>Chloromethane</td>
<td>0.1</td>
<td>Tolleson DW, 12/4/86 (8587-1)</td>
</tr>
<tr>
<td>Bromomethane</td>
<td>0.1</td>
<td>ND\textsuperscript{4}</td>
</tr>
<tr>
<td>Dichlorodifluoromethane</td>
<td>0.1</td>
<td>ND</td>
</tr>
<tr>
<td>Vinyl chloride</td>
<td>0.1</td>
<td>ND</td>
</tr>
<tr>
<td>Chloroethane</td>
<td>0.1</td>
<td>ND</td>
</tr>
<tr>
<td>Methylene chloride</td>
<td>0.1</td>
<td>ND</td>
</tr>
<tr>
<td>Trichlorofluoromethane</td>
<td>0.1</td>
<td>ND</td>
</tr>
<tr>
<td>1,1-Dichloroethene</td>
<td>0.1</td>
<td>ND</td>
</tr>
<tr>
<td>1,1-Dichloroethane</td>
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<td>ND</td>
</tr>
<tr>
<td>trans-1,2-Dichloroethene</td>
<td>0.1</td>
<td>ND</td>
</tr>
<tr>
<td>Chloroform</td>
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<td>ND</td>
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<tr>
<td>1,2-Dichloroethane</td>
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<td>ND</td>
</tr>
<tr>
<td>1,1,1-Trichloroethane</td>
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<td>ND</td>
</tr>
<tr>
<td>Carbon tetrachloride</td>
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<td>ND</td>
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<tr>
<td>Bromodichloromethane</td>
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<td>ND</td>
</tr>
<tr>
<td>1,2-Dichloropropane</td>
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<td>ND</td>
</tr>
<tr>
<td>cis-1,3-Dichloropropene</td>
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<td>Trichloroethene</td>
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<td>ND</td>
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<tr>
<td>Dibromochloromethane</td>
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<td>ND</td>
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<tr>
<td>1,1,2-Trichloroethene</td>
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<td>ND</td>
</tr>
<tr>
<td>trans-1,3-Dichloropropene</td>
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<tr>
<td>2-Chloroethylvinyl ether</td>
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<tr>
<td>Bromoform</td>
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<td>Tetrachloroethene</td>
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</tr>
<tr>
<td>Chlorobenzene</td>
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</tbody>
</table>

\textsuperscript{1}Data are expressed in units of micrograms analyte per liter sample.
\textsuperscript{2}System gave no response to 100 ug/L diesel oil standard.
\textsuperscript{3}MDL--Method detection limit.
\textsuperscript{4}ND--None detected.
### Transmittal of Results

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Descriptor, Lab No. &amp; Results (ug/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extractable hydrocarbons (mg/L, as diesel)</td>
<td>Tolleson 12-18-86 (8644-1)</td>
</tr>
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<td>Purgeable Aromatic Compounds</td>
<td>&lt;0.1</td>
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<tr>
<td>Benzene</td>
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<tr>
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<td>Toluene</td>
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<td>Purgeable Halocarbons</td>
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<tr>
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<tr>
<td>Bromomethane</td>
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<tr>
<td>Dichlorodifluoromethane</td>
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<tr>
<td>Vinyl chloride</td>
<td>&lt;0.1</td>
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<td>Chloroethane</td>
<td>&lt;0.1</td>
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<tr>
<td>Methylene chloride</td>
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<td>Trichlorofluoromethane</td>
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<tr>
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<td>1,1,1-Trichloroethane</td>
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<tr>
<td>Carbon tetrachloride</td>
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Transmittal of Results (cont'd)

<table>
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<tr>
<th>Parameter</th>
<th>Descriptor, Lab No. &amp; Results (ug/L)</th>
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<tbody>
<tr>
<td>1,2-Dichloropropane</td>
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<tr>
<td>cis-1,3-Dichloropropene</td>
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<td>Dibromochloromethane</td>
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<tr>
<td>1,1,2-Trichloroethane</td>
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</tr>
<tr>
<td>trans-1,3-Dichloropropene</td>
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<td>2-Chloroethylvinyl ether</td>
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<td></td>
</tr>
<tr>
<td>Bromoform</td>
<td>&lt;0.1</td>
<td></td>
</tr>
<tr>
<td>1,1,2,2-Tetrachloroethane</td>
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</tr>
<tr>
<td>Tetrachloroethene</td>
<td>&lt;0.1</td>
<td></td>
</tr>
<tr>
<td>Chlorobenzene</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>1,3-Dichlorobenzene</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>1,2-Dichlorobenzene</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>1,4-Dichlorobenzene</td>
<td>&lt;2.0</td>
<td></td>
</tr>
</tbody>
</table>

1 Results expressed in units of micrograms analyte per liter sample, unless otherwise noted.
2 Results expressed in units of milligrams diesel per liter sample.

If you have any questions regarding procedures or results, please call.

Submitted by: Jules Skamarack
Project Chemist

Approved by: Greg Anderson, Director
Analytical Laboratories
Introduce yourself, and let them know you have a few questions to ask about their drinking water. Determine if translation is needed, and the language.

Do you have a well? (If not -- do you use City water (ask if they pay a water bill to the City; look for well if uncertain)) Yes

May we sample the well? Yes

Can we look at the well now? Yes

Where would you like us to run the hose while we pump the well to take our sample? We will be running the well for several minutes.

CHECK WHETHER THE WELL IS ON THE DETAILED WELL LIST -- IF CONSTRUCTION DETAILS ARE ABSENT, ASK:

When was your well drilled? ______

Do you have a well log? ______

If not, do you know the depth of the well? ______

Do you use the well water for ☑️ drinking? ☑️ household use? ☑️ yard irrigation?

Is the well your primary source of drinking water? ______ How long have you used the well? ______

Have you ever noticed any unusual tastes or odors in the water? ______ If so, could you describe them?

May we have your mailing address for sending you the results?

__________________________
__________________________ Phone Number: ______________________

Is there someone else, such as a landlord, who should receive the results? Could we have his/her address?

__________________________ (HOME IS OWNER OCCUPIED ______)

__________________________

Would you like us to come back at another time? If so, what is a better time (date) for you? ______

SAMPLER: ______________________ TEAM MEMBERS: ______________________
OWNER: Lone
Address: 1370 Burbank Ave, Santa Rosa, Calif.

LOCATION OF WELL:
County: Sonoma
Owner's number, if any: 1370
R.F.D. or street no: Burbank Ave, Santa Rosa, Calif.

TYPE OF WORK (check):
New well ☑️
Deepening ☐
Reconditioning ☐
Abandon ☐

PROPOSED USE (check):
Domestic ☑️
Industrial ☐
Municipal ☐
Irrigation ☐
Test Well ☐
Other ☐

CASING INSTALLED:
SINGLE ☑️
DOUBLE ☐

WELL LOG:
Total depth: 464 ft.
Depth of completed well: 64

Formation: Describe by color, character, size of material, and content.
6 to 3 ft. gravel
3 to 10 ft. gravel
4 to 10 ft. gravel clay
10 to 22 ft. gravel clay
22 to 54 ft. gravel clay
54 to 104 ft. gravel clay

EQUIPMENT:
Rotary ☐
Cable ☐
Dug Well ☑️

CASING INSTALLED:
If gravel packed
Gage of Diameter of Bore from ft. to ft.

PERFORATIONS:
Type of perforator used: Drilling Machine
Size of perforations, in., length, by in.
From ft. to ft. Perf. per row Rows per ft.

CONSTRUCTION:
Was a surface sanitary seal provided? ☑️ Yes ☐ No To what depth ft.
Were any strata sealed against pollution? ☑️ Yes ☐ No If yes, note depth of strata
From ft. to ft.

Method of Sealing

WATER LEVELS:
Depth at which water was first found: 22 ft.
Standing level before perforating: 22 ft.
Ending level after perforating: 22 ft.

WELL TESTS:
Was a pump test made? ☑️ Yes ☐ No If yes, by whom?
Yield: 20 gpm, with 50 ft. draw down after hrs.
Temperature of water: Was a chemical analysis made? ☑️ Yes ☐ No
Was electric log made of well? ☑️ Yes ☐ No

For Official Use Only

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

HAMMOND BROS.

NAME: 4077 Stony Point Road
ADDRESS: (Person, firm, corporation) SAN RAFAEL, CALIFORNIA

License No: 12579

[Signature]:

Dated: 8-5-54

Completed: 8-5-54
APPENDIX E

HISTORICAL AERIAL PHOTOGRAPHS
Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<table>
<thead>
<tr>
<th>Year</th>
<th>Scale</th>
<th>Details</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>1&quot;=500'</td>
<td>Flight Year: 2014</td>
<td>USDA/NAIP</td>
</tr>
<tr>
<td>2010</td>
<td>1&quot;=500'</td>
<td>Flight Year: 2010</td>
<td>USDA/NAIP</td>
</tr>
<tr>
<td>2006</td>
<td>1&quot;=500'</td>
<td>Flight Year: 2006</td>
<td>USDA/NAIP</td>
</tr>
<tr>
<td>1993</td>
<td>1&quot;=500'</td>
<td>Acquisition Date: July 10, 1993</td>
<td>USGS/DOQQ</td>
</tr>
<tr>
<td>1985</td>
<td>1&quot;=500'</td>
<td>Flight Date: February 04, 1985</td>
<td>USGS</td>
</tr>
<tr>
<td>1982</td>
<td>1&quot;=500'</td>
<td>Flight Date: July 10, 1982</td>
<td>USDA</td>
</tr>
<tr>
<td>1973</td>
<td>1&quot;=500'</td>
<td>Flight Date: October 03, 1973</td>
<td>USGS</td>
</tr>
<tr>
<td>1968</td>
<td>1&quot;=500'</td>
<td>Flight Date: April 20, 1968</td>
<td>USGS</td>
</tr>
<tr>
<td>1952</td>
<td>1&quot;=500'</td>
<td>Flight Date: July 03, 1952</td>
<td>USGS</td>
</tr>
<tr>
<td>1942</td>
<td>1&quot;=500'</td>
<td>Flight Date: June 03, 1942</td>
<td>USDA</td>
</tr>
</tbody>
</table>

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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APPENDIX F

PROFESSIONAL QUALIFICATIONS
DAVID M. NOREN
MANAGER, ENVIRONMENTAL SERVICES

PROFESSIONAL CERTIFICATIONS/MEMBERSHIPS

Registered Environmental Assessor, California
OSHA 40 Hour Hazardous Waste Operations & Emergency Response Training
OSHA 8 Hour Hazardous Waste Activities Management Training
Supervisor Training in Hazardous Waste Operations
American Red Cross First Aid and CPR

Board Member North Coast Regional Water Quality Control Board

EDUCATIONAL BACKGROUND

M.Sc., Environmental Management
University of San Francisco, San Francisco, California

B.Sc., Agricultural Science & Management
University of California Davis, Davis, California

EXPERIENCE SUMMARY

Mr. Noren is a Registered Environmental Assessor with over 25 years of experience in the field of environmental assessments and investigations. Prior experience includes technical and management services for a wide range of environmental, hydrogeologic, and solid waste landfill projects. The nature and scope of these projects have included field and management positions for property assessments, assessments of surface and subsurface geologic investigations, underground fuel storage tank investigations and remediation, hydrogeologic characterization investigations, remedial action design and implementation of soil, groundwater, and landfill gas corrective action programs and storm water management sampling and reporting.

At EBA Engineering, Mr. Noren is the Manager of Environmental Services and oversees a number of projects including site investigations and monitoring, environmental assessments, as well as providing technical support and management services for solid waste management projects. The management requirements include the oversight of project budgets, client interactions, site investigation activities and field and reporting programs.

Mr. Noren has experience in the application of numerous investigative and treatment methodologies in a wide range of geologic environments including performing the investigation and remediation of a diverse range of contaminated sites and municipal solid waste facilities.
APPENDIX C-2
PHASE I ESA FOR
1400 BURBANK AVENUE
PHASE I
ENVIRONMENTAL SITE ASSESSMENT
ROSELAND CREEK COMMUNITY PARK
1400 BURBANK AVENUE
APN 125-331-001
SANTA ROSA, CALIFORNIA
A Report Prepared for:

THE CITY OF SANTA ROSA
SANTA ROSA, CA 95403

PHASE I ENVIRONMENTAL SITE ASSESSMENT
ROSELAND CREEK COMMUNITY PARK
1400 BURBANK AVENUE
APN 125-331-001
SANTA ROSA, CALIFORNIA

February 19, 2010

Prepared by:

Andrew S. Rodgers, CHMM, REA

ECON
241 South Main Street
Sebastopol, California 95472
(707) 823-2324
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APPENDIX B REGULATORY AGENCY DATABASE REPORT
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APPENDIX D PREVIOUS SITE ASSESSMENT REPORTS
APPENDIX E OFFSITE INVESTIGATION REPORT
APPENDIX F LABORATORY REPORTS
1.0 SUMMARY

ECON has completed this Phase I Environmental Site Assessment (Phase I ESA) for the City of Santa Rosa in accordance with the ASTM E 1527-05 guidance and according to “all appropriate inquiry into the previous ownership and uses of the Property with good commercial and customary practice” as defined in CERCLA, 42 USC 9601 (35) (B). The property, APN 125-331-001 located at 1400 Burbank Avenue in Santa Rosa, California, (hereafter referred to as the Site), is a 5.6-acre former orchard with a single-family residence and a barn. The Site is used as a residence and for periodic storage of construction related equipment and supplies.

A thorough Site survey, a complete review of regulatory agency records, a review of local historical resources, and interviews with interested parties and enforcement officials has revealed no evidence of Recognized Environmental Conditions in connection with the Site except for the following:

1. Releases from a group of facilities to the north of the Site, known as the McMinn Avenue Site, have been identified as a State superfund site. The investigations for the McMinn Site included multiple facilities along Sebastopol Road from Highway 101 to Kenmore Lane, and have defined the extent of contamination and identified responsible sources. Soil and groundwater is contaminated with petroleum hydrocarbons and Halogenated Volatile Organic Compounds (HVOCs). Contamination of groundwater has been found in shallow and deeper water bearing zones (NCRWQCB 2000). According to a February 14, 2002 Remedial Investigation Report prepared by PES Environmental, Inc., the Site is not located within any identified plumes of contamination. Groundwater samples collected from the domestic well on February 11, 2010 did not contain detectable concentrations of petroleum hydrocarbons or HVOCs.

2. A Refuse dump on the northwest side of Roseland Creek and north of the house contains glass containers and household debris including some automotive parts. ECON did not see evidence of recent dumping however refuse dump presents a material threat of a potential release of hazardous substances or petroleum products.
2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I ESA was to assess "the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release or any hazardous substances, or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property." The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies (ASTM Designation: E 1527-05, §1.1.1) and according to “all appropriate inquiry into the previous ownership and uses of the Property with good commercial and customary practice” as defined in CERCLA, 42 USC 9601 (35) (B).

2.2 Scope of Services

ECON has been requested to perform this Phase I ESA by Marc Richardson, Assistant City Manager for the City of Santa Rosa. The scope and format of services completed complies with ASTM Designation: E 1527-05.

The scope of services for this Phase I ESA consisted of several tasks, including:

i) A reconnaissance of the Site and its vicinity;

ii) A compilation of the Site history, including the review of previous environmental reports (if available);

iii) A file review at relevant agencies (if needed);

iv) An agency list search of facilities with recorded environmental issues within the radii required by ASTM E Practice 1527-05;

vii) A summary of findings and conclusions.

As per ASTM Practice E 1527-05, exceptions, additions or deletions to this standard are listed. They include:

1) Neither a title report nor a chain of title was made available for review.
2.3 Significant Assumptions

Statements and conclusions made in this report are based on the writer's visual perception and experience, and are to be considered and interpreted in their entirety. This report merely documents readily observable conditions based upon the writer's knowledge of construction, real estate, and environmental issues.

ECON has retained the services of Environmental Data Resources, Inc. (EDR) to search public agency records at the federal, state, and local levels for cases, which could impact the Site. The accuracy of government databases or the reports of private database vendors are assumed to be correct and complete, but cannot be extensively verified or guaranteed beyond field observations or after the date of the search inquiry (February 9, 2010). It is also assumed that regulatory agency files reviewed by ECON are current and complete. Interviews with major service vendors were not performed.

It also should be recognized that not all aspects of environmental inspections and laboratory analysis are exact sciences. Although a number of theoretical methods of analysis have been developed, there is always a certain degree of uncertainty associated with environmental assessments. The recommendations herein are based on an assumption of normal and acceptable risks, and the client needs to recognize and accept this risk to avoid impractical, unusual, or normally unwarranted response actions, responsibilities, and expenses.

2.4 Limitations and Exceptions

This inspection and report are limited in scope to the visual observations existing at the time of the inspections, and the public records available for review at that time. No special tests were conducted on any building element, and no building elements were removed to reveal any underlying potential conditions. No inaccessible areas were inspected. These areas include those located underground, behind walls or shafts, above finished ceilings, behind furniture, under vehicles or mobile homes, covered by vegetation/landscaping, under floor coverings, and those hidden by material storage.

2.5 User Reliance

The service provided for this assessment is for the benefit of the City of Santa Rosa, and is not transferable without assignment of reliance from ECON.
3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Site, 1400 Burbank Avenue, APN No. 125-331-001 is located in the Roseland District of Santa Rosa, California, (Plate 1). The 5.6-acre Site is roughly rectangular in shape and is covered with annual grasses, oak woodland, and riparian vegetation. It is bordered on the north by a 2.6 acre rural residential property; on the east side by five single-family residences; on the south by a 1.37-acre rural residential property; and on the west side by Burbank Avenue. Roseland Creek abuts the north boundary of the Site and crosses the northwest corner of the site (Plate 2).

3.2 Description of Structures, Roads, Other Improvements on the Site

The Site consists of three distinct areas; a riparian zone, a residential area, and a pasture area. The riparian zone surrounds Roseland Creek which flows from the northeast corner of the Site, along the eastern half of the northern boundary then turns southeast and flows off of the Site near the southwest corner. Dense riparian vegetation surrounds the creek and covers the northwest corner of the Site (Photos 1, 2, and 3, Appendix A).

The residential area lies east of the creek between the riparian zone and the pasture area. It consists of two primary structures; a single-family residence, and a barn (Photos 4, 5, 6 and 7, Appendix A). There are also several smaller structures including two chicken coops, a well house, and a car port. Access to the residential area is provided by a gravel drive which enters the Site at the southwest corner, runs along the southern boundary and turns north between the house and the barn. An unused concrete and steel bridge crosses Roseland Creek about 125-feet north of the house (Photo 8, Appendix A). The residential area also includes an unpaved area between the barn and the southern boundary that the owner uses for the storage of construction materials and equipment (Photos 9 and 10, Appendix A).

The pasture area is to the east of the residential area. It occupies about two-thirds of the total area of the Site. The western half of the pasture area is covered with annual grasses and a few young oak trees (Photo 11, Appendix A). The eastern half is more wooded and includes several large mature oaks (Photo 12, Appendix A).
3.3 Current Uses of the Adjacent Properties

Adjacent properties are used for residential purposes except for the land to the west of Burbank Avenue which is currently vacant. The following table summarizes occupancy on adjacent sites.

<table>
<thead>
<tr>
<th>Direction</th>
<th>Business/Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>Two residences, a small mechanics shop, a greenhouse, and commercial garden on one lot</td>
</tr>
<tr>
<td>South</td>
<td>Residence and two large storage buildings</td>
</tr>
<tr>
<td>East</td>
<td>Five single-family residences</td>
</tr>
<tr>
<td>West</td>
<td>Vacant land</td>
</tr>
<tr>
<td>Northwest</td>
<td>Vacant land</td>
</tr>
<tr>
<td>Northeast</td>
<td>Single-family residences</td>
</tr>
<tr>
<td>Southeast</td>
<td>Single-family residences</td>
</tr>
<tr>
<td>Southwest</td>
<td>Vacant land</td>
</tr>
</tbody>
</table>
4.0 USER PROVIDED INFORMATION

The “user” is defined by ASTM Designation: E 1527-05 (Section 3.3.42) as the party seeking to use Practice E 1527 to perform an environmental site assessment of the Site. A user may include, without limitation, a purchaser of property, an owner of property, a lender, or a property manager. The City of Santa Rosa, as represented by Marc Richardson, is the user of this assessment.

4.1 Title Records

Neither a title search nor a chain of title was provided by the City of Santa Rosa.

4.2 Environmental Liens or Activity Use Limitations

The City of Santa Rosa is not aware of any environmental cleanup liens against the Site that are filed or recorded under Federal, Tribal, State, or local law.

4.3 Specialized Knowledge

The City of Santa Rosa does not have any specialized knowledge or experience related to the Site or nearby properties. The City of Santa Rosa is not involved in the same line of business as the current or former occupants of the Site or adjacent properties and therefore has no specialized knowledge of the chemicals and processes that may be used by these types of business.

4.4 Commonly Known or Reasonably Ascertainable Information

The City of Santa Rosa is not aware of other commonly known or reasonably ascertainable information about the Site that would help identify conditions indicative of releases or threatened releases of hazardous chemical or petroleum products.

4.5 Valuation or Reduction for Environmental Issues

The City of Santa Rosa believes that the purchase price paid for the Site reasonably reflects the fair market value. The City of Santa Rosa does not believe that the purchase price was affected because contamination is known or believed to be present at the Site.
4.6 Owner, Site Manager, and Occupant Information

The current owner of the Site is Schellinger Brothers as represented by Mr. Bill Schellinger. Schellinger Brothers, a home builder, uses the Site to store construction materials and equipment. They lease the house to one of their employees.

4.7 Reason for Performing Phase I Environmental Site Assessment

This Phase I ESA has been performed for the benefit of the City of Santa Rosa for “all appropriate inquiry into the previous ownership and uses of the Property with good commercial and customary practice” as defined in CERCLA, 42 USC 9601 (35) (B), that will give a party to a commercial real estate transaction the innocent purchaser landowner defense to CERCLA liability (42 USC 9601 (A) and (B) and 9607 (b) (3), assuming compliance with other elements of the defense. The City of Santa Rosa plans to use the Site for a public park.

4.8 Other User Provided Information

The City of Santa Rosa provided ECON with the following documents:

- A Modified Environmental Site Assessment of the Site conducted in 2002 by Gallardo & Associates for Schellinger Brothers (Appendix D).
- A Cultural Resources Survey for the Proposed Burbank Avenue Annexation and Development Project conducted in 2002 by Tom Origer & Associates for Frank Denney.
- A Biological Assessment Special Status Species and Habitat Survey of the Site conducted in 2002 by Golden Bear Biostudies for Schellinger Brothers.
- A Biological Assessment conducted in 2003 by Golden Bear Biostudies on the Site and surrounding sites for Schellinger Brothers and Cobblestone Homes.
5.0 RECORDS REVIEW

ECON has retained the services of Environmental Data Resources, Inc. (EDR) to search public agency records at the federal, state, and local levels for cases which could impact the Site according to the following table which conforms to ASTM Designation: E 1527-05:

<table>
<thead>
<tr>
<th>SOURCE OF REGULATORY INFO</th>
<th>ACRONYM</th>
<th>SEARCH RADIUS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Federal Databases:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Priority List</td>
<td>NPL</td>
<td>1.0 mile</td>
</tr>
<tr>
<td>Comprehensive Environmental Response and Liability Information System</td>
<td>CERCLIS</td>
<td>0.5 mile</td>
</tr>
<tr>
<td>CERCLIS</td>
<td>CERCLIS-NFRAP</td>
<td>Site and Adjoining Properties</td>
</tr>
<tr>
<td>Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Treatment, Storage, and Disposal (TSD) Facilities (CORRACTS)</td>
<td>CORRACTS</td>
<td>1.0 mile</td>
</tr>
<tr>
<td>Resource Conservation and Recovery Act Treatment, Storage, and Disposal Facilities (non-CORRACTS)</td>
<td>RCRIS TSD</td>
<td>0.5 mile</td>
</tr>
<tr>
<td>Resource Conservation and Recovery Act Hazardous Waste Generators</td>
<td>RCRA Gen</td>
<td>Site and Adjoining Properties</td>
</tr>
<tr>
<td>Emergency Response Notification System</td>
<td>ERNS</td>
<td>Property Only</td>
</tr>
<tr>
<td><strong>State Databases</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Work Plan</td>
<td>AWP</td>
<td>1.0 mile</td>
</tr>
<tr>
<td>Bond Expenditure Plan</td>
<td>BEP</td>
<td>0.5 mile</td>
</tr>
<tr>
<td>Calsites</td>
<td>Calsites</td>
<td>0.5 mile</td>
</tr>
<tr>
<td>California Environmental Protection Agency Office of Emergency Information</td>
<td>CORTESE</td>
<td>0.5 mile</td>
</tr>
<tr>
<td>California Hazardous Material Incident Report System</td>
<td>CHMIRS</td>
<td>Site and Adjoining Properties</td>
</tr>
<tr>
<td>Proposition 65 notifications</td>
<td>Notify 65</td>
<td>1.0 mile</td>
</tr>
<tr>
<td>Toxic Pits</td>
<td>Toxic Pits</td>
<td>1.0 mile</td>
</tr>
<tr>
<td>Solid Waste Information System</td>
<td>SWIS</td>
<td>0.5 mile</td>
</tr>
<tr>
<td>Registered Underground Storage Tanks</td>
<td>UST</td>
<td>0.125 mile</td>
</tr>
<tr>
<td>Leaking Underground Storage Tanks</td>
<td>LUST</td>
<td>0.5 mile</td>
</tr>
<tr>
<td>Data extracted from hazardous waste Manifests generated each year in California</td>
<td>HAZNET</td>
<td>Site and Adjoining Properties</td>
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A copy of the EDR report is included in Appendix B. Refer to the EDR report for the dates of each list. The most current lists available have been searched by EDR and reviewed by ECON.

The ASTM Standard search radii are designed to help identify those sites, which are capable of impacting the Site. A complete listing for all databases searched with negative results can be found in the EDR report.
EDR reports sites within the ASTM prescribed radii in Federal and State databases. These sites may not be potential off-site sources of environmental conditions for the Site based upon distance or direction of groundwater flow. Only those active listings impacting groundwater that occur less than 500 feet from the Site in the upgradient direction are normally considered potential off-site sources of environmental conditions for the Site (Source: Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel Tanks, Lawrence Livermore National Laboratory (LLNL) October 16, 1995). All of the database listings occurring within the ASTM radii have been reviewed by ECON. Interested parties are encouraged to review the entire EDR report.

References to "down gradient" mean that a listing is located at a lower elevation on the inclined plane of the groundwater table. References to "cross gradient" mean that a listing is located horizontally along the inclined plane of the water table. In either geometry, a potential plume of groundwater contamination would not extend toward the Site under normal circumstances.

NOTE: Due to limitations in Geocoding methodology, locations plotted by the EDR computer are field checked by ECON when sites with known environmental conditions can potentially impact a Site (e.g. LUST and CSCS sites).

5.1 Standard Environmental Record Sources

5.1.1 Database Listings for the Site

The Site is not listed on any of the Federal, State, or local databases searched by Environmental Data Resources.

5.1.2 Database Listings for Neighboring Sites

The EDR report listed several properties within the one mile radius that were upgradient of the Site, and may have the potential to impact groundwater under the Site (Plate 1).

The EDR report also provided elevation information for each of the identified properties as being either higher or lower than 1400 Burbank Avenue. The report provided some information via a map that indicated groundwater elevations at a few of the identified properties in an effort to assist in determining the direction of groundwater flow. Based on experience at properties located within a few miles of the Site, groundwater generally flows towards the southwest at a shallow gradient. Although a number of properties other than the two discussed above were identified in the EDR report it is the opinion of ECON that they are all too far away, cross-gradient or down-gradient from the Site to cause environmental impacts.
For more information on the databases searched and the results, refer to the EDR Report included in Appendix B.

Releases from a group of facilities to the north of the Site, known as the McMinn Avenue Site, have been identified as a State superfund site. The investigations for the McMinn Site included multiple facilities along Sebastopol Road from Highway 101 to Kenmore Lane, and have defined the extent of contamination and identified responsible sources. Soil and groundwater is contaminated with petroleum hydrocarbons and Halogenated Volatile Organic Compounds (HVOCs). Contamination of groundwater has been found in shallow and deeper water bearing zones (NCRWQCB 2000). According to a February 14, 2002 Remedial Investigation Report prepared by PES Environmental, Inc., the Site is not located within any identified plumes of contamination. Copies of the PES report and the EPA fact sheet are included in Appendix E.

5.2 Physical Setting Source(s)

5.2.1 Regional Physiographic Setting

The Site is located in the Santa Rosa Plain between the Mayacamas Mountains to the east and the low rolling hills to the west. Topography at the Site is nearly flat with a very slight slope to the southwest. The nearest water body is Roseland Creek a tributary of the Laguna de Santa Rosa located in a channel adjacent to Fresno Avenue then continuing south and southwest of the Site.

5.2.2 Soil Conditions

The shallow soils underlying the surface of the Site are derived from Quaternary alluvial deposits. Named the Yolo clay loam, it consists of silts and clay.
5.2.3 Geologic Conditions

According to Geology for Planning in Sonoma County, California (CDMG, 1980), the Site geology is mapped as Quaternary alluvium, which consists of sand, gravel, silt, and clay. These deposits are derived primarily from drainage off the mountains to the east.

5.3 Groundwater Conditions

Under normal circumstances, groundwater in sedimentary deposits essentially mirrors the elevation of the surface of the land, and flows toward lower elevations conforming to the slope of the topography. The direction and inclination of the surface of the water table define the groundwater gradient, but localized influences such as active wells or variations in subsurface geology can cause perturbations in the direction. The topography in the vicinity of the Site generally slopes toward the southwest, and this should also be the direction of local groundwater flow.

Based on a review of groundwater assessments at nearby sites, groundwater depth can generally be expected to vary between 8 and 15 feet below ground surface in this area, depending on the season. During this Phase I ESA, there was no specific information reviewed regarding groundwater depth or condition for the Site.

5.4 Historical Use Information on the Site

The Site history and land use has been recreated by a synthesis of historic aerial photographs, historical topographic maps, interviews, public agency records, and other available resources.


The Site was once used as an orchard according to aerial photograph taken in 1953 and 1965 and topographic maps published in 1954 and 1968. The orchard occupied the pasture area between the barn and the eastern Site boundary. The wide spacing and large canopy size suggests that the trees were walnuts. Most of the trees were gone by the time of a 1965 aerial photograph. Between 1965 and the present day, the Site appears to have been used only as a residence and storage yard.
5.5  **Historical Use Information on the Adjoining Properties**

Property in the vicinity of the Site was used agricultural purposes, primarily orchards and pasture. In the early 1960s, the property to the east was developed with single-family homes. The adjacent properties have changed little in the intervening years though agricultural use has decreased and residential development has increased in the surrounding area.

5.6  **Sanborn Fire Insurance Map Review**

Sanborn Fire Maps were typically produced for older, developed, urban areas, which do not include the historically suburban area of the Site. EDR searched their archive of Sanborn Maps and confirmed that none were produced for the Site or surrounding area.
6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Mr. Peter Dellavalle and Mr. Andy Rodgers of ECON conducted the Site reconnaissance on February 9 and 11, 2010. Visual observations were made by walking the Site. A photographic log of the Site reconnaissance is included as Appendix A.

6.1.1 General Site Setting

The Site is located in the Roseland District of the City of Santa Rosa, an area consisting of unused agricultural land surrounded by residential development (Plate 1).

6.1.2 Exterior Observations

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<tr>
<td>Unidentified containers, which contain substances, suspected of being hazardous substances or petroleum products.</td>
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<td>x</td>
</tr>
<tr>
<td>Above or below ground storage tanks and piping, including vent or fill pipes.</td>
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<td>x</td>
</tr>
<tr>
<td>Solid waste, wastewater wells, septic systems, or monitoring wells.</td>
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</tr>
<tr>
<td>Spill control, containment devices, or retention basins</td>
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</tr>
<tr>
<td>Lagoons, impoundments, sumps, pits, dry wells, or drinking water wells.</td>
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</tr>
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</table>

As described in the Site Description, the Site consists of three distinct areas; the riparian zone, the residential area, and the pasture area. At the time of the Site visit, only the residential area of the site was in use.

The riparian zone is densely vegetated with native and introduced trees with an understory of poison oak and Himalayan blackberry. These conditions made it difficult to see the surface in the riparian zone. However ECON observed a refuse dump on the northwest side of Roseland Creek north of the house (Plate 2). Refuse visible at the surface consisted of glass bottles, metal kitchenware, and metal automotive parts (Photos 13, 14, 15, and 16, Appendix A). ECON did not see evidence of recent disposal activity.

The area around the barn is used by the owner for the storage of construction related equipment and materials including scaffolding, power poles, fencing and tile (Photo 9, Appendix A). Three empty plastic drums lie in the yard south of the barn (Photo 10, Appendix A). The drums are not labeled and there is no apparent residue in them. The property owner stores a backhoe to the
northwest of the barn at the north end of the drive. According to him, there is no fuel or maintenance chemical for the backhoe stored at the Site.

The pasture area is currently unused. However, ECON observed two mounds of concrete rubble, soil and vegetative debris on the north edge of the pasture area. According to the owner the concrete rubble was brought to the Site for use as rip-rap in Roseland Creek.

6.1.3 Interior Observations

Structures at the Site include a residence, barn, pump house, and a carport. There is also a chicken coop between the house and barn and a small shed formerly used as a chicken coop (Photo 17, Appendix A). The residence is occupied by an employee of Schellinger Brothers. ECON toured the house and did not see any evidence of the use, storage, or disposal of hazardous substances or petroleum products.

The barn is used by the residents for storage of personal possessions including bicycles, tools, and furniture (Photos 18, 19, and 20, Appendix A). Small quantities of paint, automotive lubricants, and other household and construction related chemicals are stored in the garage. These materials are stored in containers of one gallon or less, and ECON saw no evidence of a large-quantity release. Small areas of discoloration were observed on the earth floor and bench tops but these potential releases are considered de minimus conditions.

The pump house contains a stroller, tools, and small pieces of lumber. The well casing is just inside the door and disconnected plumbing and wiring enter the pump house at the base of the west wall (Photos 21 and 22, Appendix A). The well itself has been filled with grouted to within 6-inches of the pump house floor.

The old unused chicken coop which lies on the north side of Roseland Creek to the north of the house is empty. ECON did not see evidence that it has been used in recent years or for any purpose other than housing poultry.

6.1.4 Site Construction and Utilities

The house, barn, and pump house were reportedly constructed in the 1930s. All are of wood frame construction with wood siding. Electricity and natural gas are provided to the Site by PG&E. Water is provided by a domestic well south of the house (Plate 2 and Photo 23, Appendix A). Domestic Sewage is disposed onsite via a septic tank and leach line located north of the house.

ECON collected a sample of the well water at the well head and had it analyzed by a State certified analytical laboratory for petroleum hydrocarbons and volatile organic chemicals; the
constituents accidently released to groundwater within the McMinn Study area located approximately 200 feet north of the Site. The analysis did not detect any of the constituents of concern. Copies of the laboratory reports are included in Appendix F.

6.1.5  Hazardous Materials Use, Generation, and Disposal

Other than the paints and lubricants noted above, ECON observed no evidence of hazardous materials use, generation, or disposal during the Site reconnaissance. The refuse dump appears to contain domestic refuse but one automotive part was observed. It is possible that hazardous substances or petroleum products were disposed of in the refuse dump.
7.0 INTERVIEWS

ECON interviewed Mr. Schellinger, current owner of the property. Mr. Schellinger reported that he and his partners purchased the Site 15 years ago (1995). He said the Site was part of a larger holding owned by the same family. Schellinger Brothers purchased the Site with the intent of developing it with single family homes. While these plans were never realized, Schellinger Brothers have used the Site for the storage of construction related tools and equipment. Mr. Schellinger says they have always rented the house to Schellinger Brothers employees. Mr. Schellinger stated that he is not aware of any releases of hazardous substances or petroleum products and the Site.
8.0 FINDINGS AND RECOMMENDATIONS

ECON has performed a Phase I ESA in conformance with the scope and limitations of ASTM Designation: E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 2.4.

A thorough Site survey, a complete review of regulatory agency records, a review of local historical resources, and interviews with interested parties and enforcement officials has revealed no evidence of Recognized Environmental Conditions in connection with the Site except for the following:

3. Releases from a group of facilities to the north of the Site, known as the McMinn Avenue Site, have been identified as a State superfund site. The investigations for the McMinn Site included multiple facilities along Sebastopol Road from Highway 101 to Kenmore Lane, and have defined the extent of contamination and identified responsible sources. Soil and groundwater is contaminated with petroleum hydrocarbons and Halogenated Volatile Organic Compounds (HVOCs). Contamination of groundwater has been found in shallow and deeper water bearing zones (NCRWQCB 2000). According to a February 14, 2002 Remedial Investigation Report prepared by PES Environmental, Inc., the Site is not located within any identified plumes of contamination. Groundwater samples collected from the domestic well on February 11, 2010 did not contain detectable concentrations of petroleum hydrocarbons or HVOCs.

4. A Refuse dump on the northwest side of Roseland Creek and north of the house contains glass containers and household debris including some automotive parts. ECON did not see evidence of recent dumping however refuse dump presents a material threat of a potential release of hazardous substances or petroleum products.
This Phase I ESA has been conducted in conformance with ASTM Practice E 1527. The following deletions, deviations and additions apply.

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10.0 REFERENCES

ASTM Designation E1527-05, Standard Practice for Environmental Site Assessments: Phase I
Environmental Site Assessment Process: American Society for Testing and Materials (ASTM),
West Conshohocken, PA.

California Division of Mines and Geology. 1980. Special Report 120, Geology for Planning in
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February 9.

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February 9.

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2694606.6, February 9.

Environmental Data Resources, Inc. 2010d. The EDR Historical Topographic Map Report,
Inquiry No. 2694606.4, February 9.

Environmental Data Resources, Inc. 2010e. The EDR Aerial Photo Decade Package, Inquiry
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Gallardo & Associates, Inc. 2002. Modified Environmental Site Assessment, Phase One
Transaction Screen Process (TSP) for Site Located at: 1400 Burbank Avenue in Santa Rosa,
California.

Golden Bear Biostudies. 2003. Biological Assessment: 1027 McMinn Ave and 1360, 1370, &
1400 Burbank Avenue, Santa Rosa.

Golden Bear Biostudies. 2002. Biological Assessment: Special Species Study and Habitat
Survey, 1440 Burbank Avenue, Santa Rosa.

Lawrence Livermore National Laboratory (LLNL), Livermore, California, October 16, 1995,
Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel
Tanks (LUFTs)

PES Environmental, Inc. 2002. Remedial Investigation Report: Roseland Area HVOC
Investigation, Santa Rosa, California.

PLATES
Site Location Map
1400 Burbank Ave
Santa Rosa, California

Explanation
- Approximate Site Boundary

Non UST Releases
- Status
  - Open
  - Closed

Sonoma County Digital Data Sets

Drawn by A. Llewellyn. February 2010.
APPENDIX A
Photographic Log
Photo 1: West boundary of the Site seen from the west side of Burbank Avenue.

Photo 2: Riparian Vegetation surrounds Roseland Creek.

Photo 3: Dense vegetation in the Riparian Zone
Photo 4: The residential area of the Site includes a single-family home and a barn.

Photo 5: Barn entrance.

Photo 6: North side of barn.
Photo 7: South Side of Barn.

Photo 8: Unused steel and concrete bridge over Roseland Creek. The vehicles parked in the background are on the adjacent property.

Photo 9: Power poles stored east of the barn.

Photo 10: Empty plastic drums and construction materials stored south of the barn.
Photo 11: The Residential Area is seen to the left of center and the Pasture Area is to the right.

Photo 12: East end of Pasture area.
Photo 13: Teapot and bottles from the Refuse Dump.

Photo 14: Refuse Dump.

Photo 15: Object from Refuse Dump.

Photo 16: Object from Refuse Dump.
Photo 17: Unused chicken coop.

Photo 18: Tools and materials stored in barn.

Photo 19: Materials stored in the barn.

Photo 20: Paint cans stored in the barn.
Photo 21: West side of Pump house.

Photo 22: Grouted well in Pump House.

Photo 23: Domestic Well.
APPENDIX B
Regulatory Agency Database Report
(Included Electronically on Provided Disc)
APPENDIX C

Historic Aerial Photographs and Maps
1400 Burbank Avenue
1400 Burbank Avenue
Santa Rosa, CA 95407

Inquiry Number: 2694606.5
February 11, 2010
Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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**Date EDR Searched Historical Sources:**
Aerial Photography: February 11, 2010

**Target Property:**
1400 Burbank Avenue
Santa Rosa, CA 95407

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

Certified Sanborn Results:

Site Name: 1400 Burbank Avenue
Address: 1400 Burbank Avenue
City, State, Zip: Santa Rosa, CA 95407
Cross Street:
P.O. #: NA
Project:
Certification #: 4C07-4723-8E2F

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

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1400 Burbank Avenue
1400 Burbank Avenue
Santa Rosa, CA 95407

Inquiry Number: 2694606.4
February 09, 2010

The EDR Historical Topographic Map Report
EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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SITE NAME: 1400 Burbank Avenue
ADDRESS: 1400 Burbank Avenue
Santa Rosa, CA 95407
LAT/LONG: 38.4232 / 122.7347

CLIENT: Econ, Incorporated
CONTACT: Sara Lahman
INQUIRY#: 2694606.4
RESEARCH DATE: 02/09/2010
APPENDIX D
Previous Site Assessment Reports
(Included Electronically on Provided Disc)
APPENDIX E
Offsite Investigation Reports
(McMinn Plan of Action Final Remedial Investigation Report Included Electronically on Provided Disc)
California Environmental Protection Agency
North Coast Regional Water Quality Control Board

McMinn Avenue Site
FACT SHEET NUMBER 9
NOVEMBER 2000

Introduction

The California Regional Water Quality Control Board, North Coast Region, (Regional Water Board) has prepared this fact sheet to inform interested community members about groundwater contamination in the Roseland area of Santa Rosa. This fact sheet provides information about groundwater contamination in the area and describes ongoing efforts to investigate and cleanup the contamination. It includes specific information organized into the following sections:

Table:
- Introduction: Page 1
- Site Location and Description: Page 1
- Agency Roles: Page 2
- History of Investigations: Page 4
- Current and Future Activities: Page 6
- Successful Cleanups: Page 8
- Health and Safety Concerns: Page 9
- Property Impacts: Page 9
- Public Involvement Opportunities: Page 11
- Glossary: Page 12
- Map of Red Zone/Yellow Zone: Page 13
- Hydrologic Cycle: Page 14
- Information Repositories: Page 16

This fact sheet represents a compilation and summary of the available information collected by the various agencies working in the Roseland area, including the current status of activities in this area.

Another fact sheet, titled “The McMinn Avenue Site Well Testing Fact Sheet” is also available. It provides general information about groundwater and well water testing for owners or users of wells in areas with known or suspected groundwater contamination.

Throughout this fact sheet, words appearing in italics are defined in the glossary on page 12.

Site Location and Description

The McMinn Avenue Site is located in Sonoma County (County), in the southwest area of Santa Rosa, west of Highway 101 and south of Highway 12. The City of Santa Rosa (City) has annexed some of the affected area, but much of the site remains within the unincorporated area. Most of the contamination originates along Sebastopol Road between Highway 101 and Kenmore Lane (see the map on page 13). In 1984, Department of Toxic Substances Control (DTSC) designated a 2,000-foot radius around the intersection of McMinn Avenue and Sebastopol Road as a “Local Study Area” and a one-mile radius around that intersection as the “Regional Study Area.” These designations provided the first areas for intensive study because little was known about the nature and extent of groundwater contamination at that time. The “Study Area” designations were
developed to assist in the understanding of the local hydrogeology and the behavior of the groundwater contamination.

Investigations have defined the sources of most of the contamination; therefore, the circular Regional and Local Study Area designations are no longer used. Based on the current understanding of the sources and extent of contamination, Red Zone, Yellow Zone, and Blue Zone designations are used. The Red Zone designation is used to encompass the known limit of a release of halogenated volatile organic compounds (HVOCs) that has at least one source near the intersection of Sebastopol Road and West Avenue. The Yellow Zone encompasses the surrounding industrial and residential areas in Roseland that are known to have groundwater contamination from a variety of previous commercial and industrial activities in the area. Together, the Red Zone and the Yellow Zone define the boundaries of the McMinn Avenue Site. The Red and Yellow zones also contain petroleum-related contamination. Although it is currently believed that the Blue Zone is unaffected by contamination originating from the Sebastopol Road area, very little well testing has occurred in the Blue Zone and little is known about the groundwater quality there. It is also important to note that there may be other unknown sources of groundwater contamination in the Blue Zone that are not related to the McMinn Avenue Site. Therefore, it is recommended that all residents have their domestic well tested (see “Property Impacts” section on page 9).

Many of the identified sources of contamination are existing or former service stations, vehicle yards, dry cleaners, and various commercial businesses with underground storage tanks. Soil and groundwater is contaminated with petroleum hydrocarbons (such as gasoline or diesel fuel) and HVOCs, such as solvents. Petroleum hydrocarbon and solvent contamination has been found in the shallow and deeper water bearing zones. Contaminated water supply wells have been found on Avalon Avenue, Burbank Avenue, Dutton Avenue, Emmy Lou Court, Goodman Avenue, Hampton Way, McMinn Avenue, Stony Point Road, Roseland Avenue, Ruby Court, Sebastopol Road, Sugar Bear Lane, Sunset Avenue, and West Avenue.

Therefore, the Regional Water Board recommends that residents in the Red and Yellow Zones explore all the options to ensure that they have a safe and secure source of water. As discussed further in the “Property Impacts” section located on page 9, grants or loans may also be available to fund well destruction and connection to the municipal water system. To further understand how contamination affects the groundwater, a graphic representation of various types of groundwater contamination has been included on page 14.

As shown on the map (page 13), there are several known source areas for petroleum hydrocarbon and/or HVOC contamination. This map also provides an overall view of the known source areas relative to the Red, Yellow and Blue zones. All of these known source areas are at some stage of investigation or cleanup.

Currently, the Regional Water Board, Sonoma County, and the South Park County Sanitation District are working together under the Roseland Plan of Action to provide residents with a safe water supply, identify additional sources of groundwater contamination, define the extent of contamination, and investigate remedial alternatives for the Red Zone. The Roseland Plan of Action is discussed in more detail under the “Current and Future Activities” section on page 6.

Agency Roles

There are several agencies and committees involved in the McMinn Avenue area:

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (US EPA):** This federal agency has conducted assessments within the area to assist the Regional Water Board. The Regional Water Board has historically received some funding from US EPA to conduct site assessments in the region, including several within the McMinn area.

**CALIFORNIA-EPA (CAL-EPA):** This state agency includes the Regional Water Board and the DTSC. The agency is not a part of the US EPA.

**REGIONAL WATER BOARD:** The Regional Water Board is the state agency overseeing all
of the individual site cleanup investigations and remedial actions in the area and has been the local clearinghouse for information on the contamination, including contaminated well sampling information. Since 1995, the Regional Water Board has been the lead agency for the entire McMinn Avenue Site. The Regional Water Board closely coordinates activities in the area with the Environmental Health Division of the Sonoma County Department of Health Services, the City of Santa Rosa and other federal, state and local agencies. The Regional Water Board and the City of Santa Rosa are actively involved in the installation of a water main in Emmy Lou Court and connecting these properties to city water. The Regional Water Board is also a signatory to the Roseland Plan of Action, which is discussed in more detail under the “Current and Future Activities” on page 6.

DEPARTMENT OF HEALTH SERVICES (DHS): This state agency is responsible for regulating the use of public drinking water wells. In addition, the Environmental Investigations Branch evaluates health exposure risks from contaminated sites on behalf of the US EPA and provides information to the Regional Water Board on the site.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC): This state agency was the lead agency from 1984 until 1995 for requiring investigation and cleanup of the McMinn Avenue Site. In 1995, the DTSC referred oversight of the McMinn Avenue Site to the Regional Water Board and is no longer involved in the day-to-day activities in the area. This agency is available for emergency response actions.

SONOMA COUNTY DEPARTMENT OF HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION (SCEHD): This county agency is involved with county-wide environmental health issues, and oversees local health issues related to use of/exposure from contaminated drinking water wells. This agency works in close coordination with the DHS and recommends destruction of water wells in the McMinn Avenue Site to prevent exposure to potentially contaminated groundwater.

CITY OF SANTA ROSA UTILITIES DEPARTMENT (SRPUD): This city agency provides potable water and approves connections to Santa Rosa’s municipal water supply. Five-year payment plans are available through this agency for connecting to city water. See the “Property Impacts” section on page 9 for more information on this program.

SONOMA COUNTY (COUNTY): The County government manages and coordinates each of the various County agencies, including those mentioned in this Fact Sheet. The County is a signatory to the Roseland Plan of Action, which is discussed in more detail under the “Current and Future Activities” on page 6.

SONOMA COUNTY WATER AGENCY (SCWA): This agency is responsible for the wholesale delivery of potable water to the City of Santa Rosa, Sonoma County and the northern part of Marin County. SCWA also is involved in various flood control projects in Sonoma County. SCWA provides personnel to maintain and operate various sanitation zones in Sonoma County, including the South Park County Sanitation District. Although the SCWA is not a County agency, the Sonoma County Board of Supervisors serves as the board of directors to the SCWA.

SOUTH PARK COUNTY SANITATION DISTRICT (SPCSD): This sanitation district provides wastewater collection within Roseland and the Southwest area of Santa Rosa. The SCWA provides the personnel to maintain and operate the wastewater collection system in this district. The SPCSD is also a signatory to the Roseland Plan of Action, which is discussed in more detail under the “Current and Future Activities” on page 6.

SONOMA COUNTY PERMIT AND RESOURCE MANAGEMENT DEPARTMENT (PRMD): This county agency issues permits for new water wells and well abandonments in Sonoma County.

SONOMA COUNTY COMMUNITY DEVELOPMENT COMMISSION (CDC): This agency oversees the Roseland Redevelopment plan for the Roseland area (not to be confused with the separate Southwest Redevelopment area, which is administered by the City of Santa Rosa). CDC also administers grants that are available to fund well destructions and water connections, and loans that are available for property rehabilitation. See the “Property Impacts” section on page 9 for more information on these programs.
SONOMA COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS: This county agency evaluates and plans infrastructure improvements and is constructing the road improvements for Sebastopol Road.

SANTA ROSA REDEVELOPMENT AGENCY: This agency has jurisdiction within the City of Santa Rosa. Rehabilitation loans are available through this agency, which can be used to fund well destructions and connection to city water. See the “Property Impacts” section on page 9 for more information on this program.

SANTA ROSA DEPARTMENT OF PUBLIC WORKS: This agency is cooperating with the other agencies in developing an information base on the contamination in the area and providing expertise to other agencies. This agency and the Regional Water Board are also actively involved in the installation of a water main in Emmy Lou Court and connecting these properties to city water.

History of Investigations

Contamination at the site was first brought to the attention of the Regional Water Board and County officials in 1981 through several complaints of gasoline odors in well water. Samples of domestic well water collected in response to the complaints revealed various contaminants in drinking water and irrigation wells. Some wells contained gasoline, diesel, and HVOCs such as chlorinated solvents. These wells were located in the vicinity of McMinn Avenue, Roseland Avenue, Sebastopol Road and near Dutton Avenue.

In 1984, the Regional Water Board determined that no source for the contamination could be readily identified, and both the County and the Regional Water Board requested that DTSC add the site to the State Superfund list to assess the contamination and protect public health. DTSC added the site to the list in November 1985. This listing enabled DTSC to fund work on the site as no responsible parties had yet been identified.

One year after the listing, DTSC completed a preliminary investigation that confirmed that groundwater samples from seven of the 38 private wells tested contained contaminants at levels above the State safe drinking water standards (referred to as the Primary Maximum Contaminant Levels [MCL]). The contaminants included soluble petroleum hydrocarbons and HVOCs. Some of the contaminants detected were:

- Tetrachloroethylene (PCE)
- 1,2-dichloroethane (1,2-DCA)
- Vinyl chloride
- Benzene

The study recommended further testing of potential sources of contamination, including businesses with underground storage tanks.

Twelve monitoring wells were installed by DTSC in 1988, and petroleum hydrocarbons were found in five of the wells, two of which produced liquid gasoline floating on the water table. Chlorinated solvents were detected in two wells, one of which contained 1,2-DCA and the other contained PCE, trichloroethylene (TCE) and 1,2-dichloroethylene (1,2-DCE). The Regional Water Board, in cooperation with DTSC, began to identify suspected sources of the contamination and to require those responsible to begin assessment and cleanup of releases of petroleum hydrocarbons and solvents to the environment.

In March 1992, gasoline vapors were detected in sewers and businesses along Sebastopol Road. The County declared a local state of emergency on March 31, 1992 due to the buildup of potentially explosive vapors in the sewer system along Sebastopol Road between West Avenue and Roseland Avenue.

The Regional Water Board issued an emergency Cleanup and Abatement Order to the Beacon service station, which had a gasoline leak to the sewer line. The leaking gasoline tanks and lines were removed, and a soil and groundwater remediation system was installed at the Beacon site. The sewer line has since been lined in this area to prevent infiltration of contaminated groundwater.

The County and the Regional Water Board conducted a comprehensive domestic well sampling effort in late March and early April 1992 in response to the state of emergency. Sixty-one domestic wells were sampled for gasoline, diesel, and HVOCs. Three of the 61 private wells tested positive for petroleum
hydrocarbons and six wells tested positive for chlorinated solvents.

In 1992, the Regional Water Board requested assessment assistance from the US EPA to aid in determining other potential source areas. From November 1992 through January 1993, the US EPA conducted an extensive field investigation in the area to:

- Determine the extent of petroleum hydrocarbon contamination from known sources
- Identify other sources of contamination
- Determine whether shallow groundwater contamination was entering Roseland Creek.

The investigation included the collection and analysis of 116 groundwater samples from 59 locations and identified several previously unknown properties as sources of petroleum hydrocarbon or solvent contamination. The investigation also concluded that the threat of a petroleum hydrocarbon or solvent release to Roseland Creek via contaminated shallow groundwater was minimal.

In 1995, the Regional Water Board became the lead agency in the investigation and cleanup of soil and groundwater contamination within the McMinn Avenue Site.

In June 1996, the Regional Water Board sampled 17 private wells and, for the first time, included methyl tertiary butyl ether (MtBE) in the lab analysis. Two of the 17 wells were contaminated with gasoline and eight wells were contaminated with chlorinated solvents. MtBE was not detected in any of the 17 wells. However, the samples were tested using an analytical method that was available in 1996, but is no longer recommended today.

In 1997, the Regional Water Board collected samples of soil and groundwater from 24 locations in the vicinity of Roseland Elementary School to further determine the sources of contamination under the school. The work resulted in an agreement between three former and currently operating service stations to work cooperatively to complete the investigation and mitigate this petroleum hydrocarbon release. These service stations are currently completing the application process for acceptance into the commingled plume account, which is managed by the State Water Resources Control Board Underground Storage Tank Fund.

In July 1998, a contractor working for the US EPA conducted the initial soil gas and indoor air survey of the Roseland Elementary School. The primary purpose of this work was to evaluate the threat of exposure from solvent or petroleum hydrocarbon vapors migrating through the soil and into the buildings.

From June through August 1998, Regional Water Board staff conducted an investigation of soil and groundwater contamination near the intersection of Sebastopol Road and West Avenue as part of a grant arrangement with the US EPA. The primary purpose of the investigation was to determine the source and mechanism of the solvent release to the environment and to sample private wells downgradient (southwest) of the intersection. Ninety-one groundwater samples and 27 soil samples were collected with a Geoprobe®, a truck mounted hammer/punch soil probe.

In August and September 1998, the Regional Water Board and US EPA sampled a total of 64 private wells for HVOCs and MtBE (and other fuel oxygenates). Approximately 15 of the 64 wells also were sampled for gasoline. Gasoline was not detected in those wells. Seventeen of the 64 wells were found to be contaminated with MtBE and eight were contaminated with HVOCs, primarily chlorinated solvents.

All of the previously mentioned investigative work ultimately resulted in the Roseland Plan of Action in July 1999. The Roseland Plan of Action is an agreement between the Regional Water Board and the County/SPCSD in which the County/SPCSD will complete the investigation and explore options for mitigation of the HVOC release. The Roseland Plan of Action is discussed in greater detail in the “Current and Future Activities” section on page 6.

In June 1999, the Regional Water Board sampled an additional 29 wells for HVOCs, MtBE and arsenic. Twenty-two of the wells also were analyzed for gasoline. Neither gasoline nor arsenic was detected in any of the wells. Two wells were contaminated with MtBE and two wells were contaminated with HVOCs. In July 1999, the Regional Water Board also
conducted additional soil gas and indoor air sampling at the Roseland Elementary School.

The Regional Water Board continues to require responsible parties to investigate and cleanup contamination. Thirty-eight sites are undergoing investigation and cleanup activities under the direction of the Regional Water Board and thirteen of these sites have completed the petroleum hydrocarbon cleanup and have been issued closure notices that require no further action.

Current and Future Activities

The Roseland Plan of Action is a cooperative agreement between the County, the SPCSD, and the Regional Water Board to investigate the source and extent of the HVOC contamination originating along Sebastopol Road near West Avenue. As mentioned previously, this HVOC contamination is currently believed to be bounded by the area known as the Red Zone (see figure on page 13). In 1998, the Regional Water Board conducted an extensive source area investigation at and near this intersection, but had limited information on how far the contamination had spread. Therefore, the Roseland Plan of Action included the following main elements:

- The County/SPCSD is to conduct an investigation to determine the overall depth and extent of the HVOC contamination that is believed to originate from the area near the intersection of Sebastopol Road and West Avenue. The investigations are to culminate with a final report on the extent of contamination and remediation alternatives to be submitted by the County/SPCSD no later than February 15, 2002.
- County/SPCSD submittal of monthly progress reports on the status of the HVOC investigation and water connections (as appropriate).
- Development of an Outreach Plan to coordinate open and regular communication between the involved government agencies and the community in the Roseland area.
- Annual soil gas sampling conducted at the Roseland Elementary School through the year 2005.
- Connection of 18 Red Zone properties to the city water system by the County/SPCSD at no cost to the property owners, including a provision for additional connections as appropriate based on the results of the ongoing HVOC investigation.
- Assistance from the Regional Water Board for the connections to city water, including the properties on Emmy Lou Court, as provided for by the State Water Resources Control Board’s Cleanup and Abatement Account funds.
- County/SPCSD funding for additional Regional Water Board sampling and staff time.

The following sections briefly describe the work that has occurred, or is scheduled to occur, as required by the Roseland Plan of Action.

HVOC INVESTIGATION

In September 1999, the SPCSD submitted a plan to the Regional Water Board for investigating the HVOC contamination (Investigation Plan). As part of the Investigation Plan, the SPCSD conducted a study of the soil gas and indoor air at the Roseland Elementary School during December 1999. This study was intended to determine if contaminants present in the groundwater were affecting the air quality inside the school buildings or in the playground areas.

The December 1999 study by a toxicologist concluded that the types of low-level contamination found in the indoor air presented an estimated risk that “is not unusual for what is considered typical exposure to indoor air.” To confirm the results of the December 1999 study, a follow-up study of the indoor and outdoor air was conducted during the first week of February 2000. The preliminary results of this follow up study agree with the results of the December 1999 study. The County/SPCSD will continue to monitor ambient air and soil gas conditions annually to verify these results over a longer period of time.

In April 2000, drilling was conducted to better characterize the hydrogeology in the Roseland area and to identify the locations for the monitoring well network proposed by the SPCSD.

Groundwater sampling of up to 20 domestic wells in the Roseland area is also conducted every three months. The purpose of the domestic well sampling is to get more...
information on the current extent of the HVOC contamination and how it changes over time. The initial domestic well sampling occurred during January and March 2000. During these sampling events, the SPCSD sampled a total of 17 domestic wells, most of which were in the Red Zone. A total of three chemical compounds were detected during this sampling round: Freon® 12, MtBE, and PCE. Freon® 12 was detected in one domestic well, PCE was detected in three domestic wells, and MtBE was detected in nine domestic wells. Of these detections, one domestic well had a level of PCE higher than California’s Primary MCL for drinking water, and one domestic well had a level of MtBE higher than the Secondary MCL for taste and odor in drinking water. Both properties are currently connected to city water.

A second round of domestic well sampling was completed during the end of June 2000. During this sampling event, the SPCSD sampled a total of 13 domestic wells, most of which were in the Red Zone. A total of five chemical compounds were detected during this sampling round: Freon® 12, 1,2-DCE, TCE, PCE, and MtBE. Freon® 12, 1,2-DCE, TCE, and PCE was detected in one domestic well. MtBE was detected in three domestic wells. Of these detections, one domestic well had a level of PCE higher than California’s Primary MCL for drinking water. This property is currently connected to city water.

In July 2000, 6 monitoring wells were sampled to provide additional information for refining the placement of several new monitoring wells proposed by the SPCSD. The results of this sampling indicated the presence of HVOCs in 3 of the 6 monitoring wells and components of petroleum hydrocarbons in 4 of the 6 monitoring wells.

A third round of domestic well sampling in the McMinn Avenue Site and soil gas/ambient air sampling at the Roseland Elementary School was completed during the end of September 2000. At the time of this printing, the results for these sampling events were not yet available. Installation of 6 monitoring well clusters was also completed during the week of October 16, 2000.

Upcoming investigative work may include the installation of additional monitoring wells, further investigation of the sources of contamination, continued groundwater sampling at domestic wells (and monitoring wells as they are installed), and annual sampling of the ambient air and soil gas at the Roseland Elementary School.

**CONNECTIONS TO MUNICIPAL WATER**

Of the properties in the Red Zone not connected to City water, 18 were selected in the Roseland Plan of Action to be connected to City Water. Because these properties used only well water for domestic purposes, there was the possibility for direct exposure to the groundwater contamination. The Roseland Plan of Action requires that the County/SPCSD make alternative water supply available to these 18 properties. All of these properties have now been connected to the city water system.

**EMMY LOU COURT WATER MAIN INSTALLATION:** In February 2000, the City of Santa Rosa and the Regional Water Board representatives signed a contract for the installation of a water main in Emmy Lou Court. The contract allows for the water main installation and connection of eight residential properties to the city water system. The installation is scheduled to be completed by September 2001 and is jointly funded by the City of Santa Rosa and the Regional Water Board using the State Water Resources Control Board’s Cleanup and Abatement Account funds. However, in the interim, the City of Santa Rosa installed water filters on all eight of the properties to protect the residents in the event their well becomes contaminated.

**OTHER CURRENT AND FUTURE ACTIVITIES**

The following are some other current and future activities occurring in the Roseland area:

**OUTREACH PLAN:** The Outreach Plan for the HVOC Investigation and Mitigation in the Roseland Area (Outreach Plan) was developed as a requirement of the Roseland Plan of Action. The Outreach Plan is a dynamic tool that provides for cooperation between the involved agencies, assures communication to the public and residents of the area, assists the public with the paperwork necessary to be connected to city water, educates the public about investigation and mitigation of contamination in the area, and provides translation services to the diverse population within the Roseland area. The Outreach Plan provides for quarterly public meetings (or as necessary) within the Roseland
area to inform residents of recent developments, and provides a forum for residents to ask questions and express their concerns. In March and July 2000, community meetings were held between the various agencies involved with contamination issues and the citizens of the Roseland area. Also included in the Outreach Plan is a list of agency contacts and telephone numbers.

EDUCATIONAL EVENTS: Both formal and informal events are held for public education regarding the contamination within the McMinn area. These events were designed to involve parents and children from the McMinn area, educate them about soil and groundwater contamination, and how to prevent pollution. One such event, the Educational Forum was held at the Roseland Elementary School in the summer of 1998. Another such event, the annual Summer Splash, was held during the summer in 1999 and 2000 at the Roseland Elementary School. Many involved agencies, community groups, and private companies hosted the event and donated time and materials. Prizes were awarded to participants in educational games.

US EPA ENVIRONMENTAL JUSTICE GRANT: In the fall 1999, Santa Rosa Memorial Hospital received a US EPA Environmental Justice Grant on behalf of the Citizens Cleanup Coalition. This grant is being used at Roseland Elementary School to establish a community environmental program for the children and parents of this community and to address environmental issues through outreach to community groups.

SEBASTOPOL ROAD, PHASE IIA PROJECT: This project consists of construction and replacement of underground utilities between Burbank Avenue and Avalon Avenue. This project will be constructed under the Sebastopol Road Widening Project and is also scheduled to begin during fall/winter of 2000.

SEBASTOPOL ROAD WIDENING, Phase IIB Project: The Sebastopol Road widening project is scheduled to go from Burbank Avenue to Avalon Avenue. This project is currently scheduled to begin during 2000/2001.

DUTTON, WEST, WESTWOOD PROJECT: This project consists of replacement and rehabilitation of 6,862 linear feet of the existing sewer collection system along portions of Dutton, West Avenue, and Westwood Avenue. Construction is expected to have begun during the summer of 2000.

KENMORE LANE AREA PROJECT: This project consists of rehabilitation and replacement of 4,719 linear feet of the existing sewer collection system in Kenmore Lane, Mesa Way, Janero Drive, and Stony Point Road from Rose to Janero. Construction is anticipated during 2001/2002.

BURBANK AVENUE PROJECT: This project consists of the replacement of approximately 1,160 linear feet of existing sewer collection system extending south from Sebastopol Road along Burbank Avenue. Construction is anticipated during 2001/2002.

Successful Cleanups

Thirteen petroleum-contaminated sites in the area have completed investigation and cleanup activities and have been issued case closure letters. A few of these sites have residual petroleum hydrocarbon contamination remaining, which is expected to naturally degrade in a few years. Some sites also have solvent contamination in wells, the source of which is still unknown and is being investigated. The 13 sites that have completed petroleum hydrocarbon cleanup are:

1. Continental Baking, 1840 Sebastopol Road
2. Gardner’s Aid, 1050 Sebastopol Road
3. Harriman Brothers, 375 Sebastopol Road
4. Laidlaw Transit, 959 Sebastopol Road
5. Murrill Trucking, 439 Roseland Avenue
6. NorCal Glass, 673 Sebastopol Road
7. Talmadge Wood, 1594 Hampton Way
8. Yellow and Roadway Freight, 270 Dutton Avenue
9. Withers Car Wash, 1450 Sebastopol Road
10. Kevin Chang, 1580 Hampton Way
11. Shamrock Materials, 285 Roberts Avenue
12. Dave Zedrick, 111 Sebastopol Road
13. Santa Rosa Value Center, Sebastopol Road at Stony Point Road

Another 25 sites are still conducting investigation and cleanup activities of all
contaminants (see the map on page 13). A detailed staff update on the status of all 25 sites will be given to the Regional Water Board during a public Regional Water Board meeting to be held in early 2001. If you would like to have a copy of the detailed site updates mailed to you, or if you would like to attend this upcoming Regional Water Board meeting, please contact the Regional Water Board staff listed on page 11.

Health and Safety Concerns

The primary concern in the McMinn area is health effects from drinking contaminated well water. Unless the water is tested, it is not possible to know if the water is safe for drinking or other domestic uses. Water from private wells should be tested for contamination. Public water supplies provided by the City of Santa Rosa are safe to use and drink.

The “McMinn Avenue Site Well Testing Fact Sheet” contains more detail on water well contamination and assessment. Copies are available at the Regional Water Board office by calling (707) 576-2220. In addition, the Regional Water Board keeps records of previous domestic well testing done by environmental consultants and public agencies. These records may be obtained by calling the staff contacts listed on Page 11.

Property Impacts

Property owners in the Roseland area are concerned about the impact of the groundwater contamination, investigations, and cleanup activities on their properties. Many people have called the Regional Water Board with property-related questions. This section of the fact sheet responds to some of the most commonly asked questions.

Is my property contaminated?
None of the agencies involved can answer this question unless investigation activities have been conducted on your property. The Regional Water Board has files on each of the sites shown on the map on page 13. The Regional Water Board also has domestic well sampling information on some addresses in the Roseland area.

Will I be held responsible for the cleanup of contamination under my house?
The Regional Water Board will not hold a homeowner financially responsible for the investigation and cleanup of contaminated groundwater unless the homeowner has caused or contributed to the release or spread of the groundwater contamination.

Do I have to pay for the sampling of my well?
During sampling events where the Regional Water Board requests to sample your well, we will test your domestic well at no charge. If you request that the Regional Water Board sample your well, you will be informed at that time if we can test your well at no charge. In some instances, free testing may not be available. We encourage all people to have their well tested if they use the well for any purpose (including irrigation).

If you wish to sample the well yourself, the Regional Water Board recommends that you contact an analytical laboratory or an environmental consultant to collect the sample. Generally, for the types of chemical contamination that occurs in the McMinn Avenue Site, the Regional Water Board recommends that these samples are analyzed using US EPA test method 8260 low-level (including fuel oxygenates).

Why can’t I drill a new water supply well?
Both the City and the County passed ordinances in 1999 that effectively prohibit drilling any new water supply wells inside the Red Zone, or within 2,000 feet of the outer boundaries of the Red Zone. Under these new City and County ordinances, new water wells can only be installed if it can be proven that the well(s) will not affect the spread of contamination and the City/County approve the project.

Why am I being told that I must connect to city water?
Both the City and the County passed ordinances in 1999 that require all properties inside the Red Zone to connect to city water if they are using well water for household purposes. These ordinances also prohibit cross connection between the well and the city’s water system and are intended to protect residents from exposure to potentially contaminated water.
If I sell, lease, or rent my property, do I have to disclose that it is, or may be, contaminated?

California Health and Safety Code Section 25359.7 requires owners of non residential property to inform buyers, lessees or renters in writing if the property is affected by a release of a hazardous substance. It also requires that lessees or renters of residential or nonresidential property notify the owner of the property in writing if the property is affected by a release of a hazardous substance.

California Civil Code, Section 1102 (et seq.) requires the seller of a residential property to inform any buyer of the existence of environmental hazards affecting the property. The hazards include, but are not limited to, “asbestos, formaldehyde, radon gas, lead-based paint, fuel or chemical storage tanks, and contaminated soil or water of the subject property.” Federal and local laws may contain additional requirements, as this is a rapidly changing area of the law. If you own, lease, rent, or intend to sell property where there has been a release of a hazardous substance or if your property is near known or suspected sources of contamination, it is suggested that you consult with an attorney familiar with real estate disclosure law.

The State Department or Real Estate offers a publication titled, “Disclosures of Real Property Transactions.” You can get a copy by sending a self-addressed, stamped envelope with the request, and $2 plus sales tax (7.75%), to:

Department of Real Estate
Book Orders
P.O. Box 187006
Sacramento, CA 95818-7006

You also may order this information by downloading form RE-350 from the Department of Real Estate web site at www.dre.ca.gov/forms.htm. More information on the “Disclosures of Real Property Transactions” can be found on the Department of Real Estate web site at www.dre.ca.gov/cnsmpub.htm.

If my well is contaminated, who will pay to get my house or business hooked up to city water and close down my well?
The 18 properties listed in the Roseland Plan of Action were connected to city water at no cost to the property owners. If other properties are found to be affected by the HVOC contamination, such properties will be evaluated on a case-by-case basis to determine if the County/SPCSD will provide connection to the city water system at no cost to the property owner. If you connect to city water, a backflow device or well destruction may be required to prevent potential contamination of the city’s water system.

- **If you live in an unincorporated area:**
  County residents may be eligible for grants to fund water connections and well destructions, and loans to fund property rehabilitation. These grant and loan programs are available to low and moderate-income families living in the unincorporated portions of the Roseland Redevelopment area. These programs are offered through the Sonoma County Community Development Commission. If you are interested in learning more about these programs, call Steve McCoy at (707) 524-7545.

  County residents may also be eligible for a five-year payment plan to defer some of the costs associated with connecting to city water. This program is offered through the City of Santa Rosa Utilities Department. If you are interested in learning more about this program, call Linda Reed at (707) 543-3958.

  Furthermore, during the end of 1999, the City of Santa Rosa eliminated the surcharge for city water supplied to properties within the unincorporated (County) areas of the Red Zone.

- **If you live within the City of Santa Rosa:**
  City residents may be eligible for a low interest rehabilitation loan through the City of Santa Rosa Community Development Department that can be used for water connections and well destruction. If you are interested in learning more about this program, call Nancy Gornowicz at (707) 543-3300.

  City residents may also be eligible for a five-year payment plan to defer some of the costs associated with connecting to city water. This program is offered
through the City of Santa Rosa Utilities Department. If you are interested in learning more about this program, call Linda Reed at (707) 543-3958.

Public Involvement Opportunities

Agencies encourage public involvement in their decisions related to the McMinn Avenue site investigation and cleanup. The following organizations and community groups provide a forum for public input into this process:

**CITIZENS CLEANUP COALITION (CCC):** This community-based organization meets monthly to discuss contamination issues in the Roseland area. The CCC also represents the public in the Outreach Plan. All meetings are open to the public. You may contact Sharon Marchetti of the CCC at (707) 547-4887 for additional information.

**SOUTHWEST AREA CITIZENS GROUP (SWACG):** The goal of this community-based organization is to provide recreational opportunities for youth in the southwest area. SWACG meets once per month, where other issues such as fund raising for team uniforms, scholarships to graduating Elsie Allen High School seniors, field trips for youth groups, and improvements to public recreational facilities are discussed. SWACG also hosts the Southwest Design Team, an ad hoc group that periodically reviews pending development proposals for aesthetics, adverse impacts, and neighbor involvement. All meetings are open to the public. You may contact Jim Paschal of SWACG at (707) 579-8882 for additional information.

**SOUTHWEST AREA REDEVELOPMENT PLAN AND PROJECT AREA COMMITTE (PAC):** The PAC is a group of elected Southwest area citizen representatives that meets regularly to review and advise both the community and the City's Redevelopment Agency on issues related to the redevelopment of the southwest area. These meetings are public and anyone can attend. Call Chaney Delair at City of Santa Rosa Housing and Redevelopment office for the schedule of meetings and location at (707) 543-3300.

**COMMUNITY CARE:** The organization focuses on developing leadership in the community and facilitating discussion and resolution of a variety of issues that are of concern to the community. You may contact Arnulfo Barragan of Community Care at (707) 546-3399 for additional information.

For Additional Information

If you are interested in reviewing the documents discussed in this fact sheet, you may visit one of the information repositories listed on Page 16.

If you would like additional information about the McMinn Avenue site, or if you have any questions, please contact one of the Regional Water Board representatives listed below.

<table>
<thead>
<tr>
<th>For More Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you have questions about the McMinn Avenue Site, please call the Regional Water Board:</td>
</tr>
<tr>
<td>• Damien O'Bid (707) 576-2552</td>
</tr>
<tr>
<td>• Stephen Bargsten (707) 576-2653</td>
</tr>
<tr>
<td>• Susan Warner (707) 576-2697</td>
</tr>
</tbody>
</table>
Glossary

**1,2-DICHLOROETHANE (1,2-DCA):** A volatile organic compound used as a solvent and gasoline additive.

**1,2-DICHLOROETHYLENE (1,2-DCE):** Typically found in groundwater as the product of the biological breakdown of TCE or PCE.

**BENZENE:** A petroleum derivative and widely used solvent in the chemical industry. Benzene evaporates and is readily absorbed by breathing, ingestion, or contact with the skin. Benzene is listed as a cancer-causing chemical under Proposition 65.

**CLEAN UP AND ABATEMENT ORDER:** An order issued by the Regional Water Board to a responsible party to stop and abate any discharge of waste, or stop any potential discharge of waste, that can impact surface waters or groundwater.

**FREON® 12:** A refrigerant that was commonly used in refrigerators and was also used as a solvent. Freon® 12 is generally absorbed by inhalation. Due to concerns about depletion of the earth’s ozone layer, this chemical is now only used in very limited applications in the United States.

**GROUNDWATER:** Water beneath the earth’s surface that flows through soil and rock openings and often serves as a drinking water source through wells.

**HALOGENATED VOLATILE ORGANIC COMPOUNDS (HVOCs):** Compounds that include solvents and which readily evaporate. HVOCs are part of a group of chemicals that are typically used for parts cleaning, in the dry cleaning industry, and various manufacturing industries.

**HYDROGEOLOGY:** The scientific study of the interaction of water and soils and geologic materials.

**MONITORING WELLS:** Wells designed and constructed specifically for water quality testing and evaluation of groundwater contamination.

**METHYL TERTIARY BUTYL ETHER (MtBE):** An oxygenating compound added to gasoline. MtBE moves through soil and groundwater more rapidly and a longer distance than other substances in gasoline. MtBE is a gasoline additive first used sporadically in the late 1970’s as an octane booster and more recently used extensively in California to meet clean air requirements.

**PETROLEUM HYDROCARBONS:** Organic compounds derived from oil, such as gasoline, diesel, motor oils, waste oil, and their fractions, such as benzene.

**PRIMARY MAXIMUM CONTAMINANT LEVEL (MCL):** Primary MCLs are drinking water standards adopted by the California Department of Health Services (DHS). An MCL is the result of "risk management" determinations that take into account not only the human health risk assessment, but also factors such as the chemical's detectability and treatability, as well as the costs of treatment. DHS is required by Health and Safety Code §116365(a) to establish a contaminant's MCL at a level as close as is technically and economically feasible to the level that has shown no adverse health effects, placing primary emphasis on the protection of public health.

**PROPOSITION 65:** In November 1986, California voters approved an initiative to address growing concerns about exposures to toxic chemicals. That initiative became The Safe Drinking Water and Toxic Enforcement Act of 1986, better known by its original name: Proposition 65. Proposition 65 requires the Governor to publish a list of chemicals that are known to the State of California to cause cancer, birth defects, or other reproductive harm. This list must be updated at least once a year.

**RESPONSIBLE PARTIES:** Individuals or corporate entities that are considered legally liable for contamination found on a property and, therefore, responsible for cleanup of the contamination. Unless they have contributed to the contamination, homeowners are not held responsible for contamination on their property.

**SECONDARY MAXIMUM CONTAMINANT LEVEL (MCL):** Secondary MCLs are established by the California Department of Health Services for a number of chemicals, characteristics or constituents and address taste, odor, or appearance of drinking water.

**SOIL GAS:** Gas in the spaces between soil particles. This gas can be from liquid contaminants in the soil or groundwater.

**SOLVENTS:** Toxic substances capable of dissolving other substances to form a solution. Solvents are used for dry cleaning, paints, varnishes, lacquers, industrial cleaners, printing inks, parts cleaning, and other purposes.

**STATE SUPERFUND:** A financial account used to pay for cleanup of hazardous waste sites in the State of California.

**TETRACHLOROETHYLENE (PCE):** A volatile organic compound often used as an industrial degreasing agent and a dry cleaning agent. Also known as Perc.

**TRICHLOROETHYLENE (TCE):** A volatile organic compound often used as an industrial degreasing agent and a dry cleaning agent.

**VINYL CHLORIDE:** A volatile organic compound widely used in the plastics industry, and also may form in soil and water as a breakdown product of solvents. It is listed as a cancer-causing compound under Proposition 65.

**VOLATILE:** A description used for substances that readily evaporate at normal temperature and pressure.

**WATER TABLE:** In a shallow groundwater zone, the water table is the depth at which free water is first encountered in a monitoring well.
Facilities where Regional Water Board oversees cleanups

1. Acme Auto Wreckers
2. Allefax
3. Almetco
4. BP/Redwood Oil
5. Wilson Baugh
6. Beacon Station
7. Bevan Investments
8. C&D Batteries
9. Exchange Bank Data Center
10. Frontier Electric
11. McGowan
12. Pt. St. George Fisheries
13. Quik Stop
14. Redwood Oil Bulk Plant
15. Reuben’s Tacos
16. Roseland Paint
17. Sebastopol Ave HVOC
18. Shell Station
19. Shell Bulk Plant
20. Slakey Brothers
21. Taylor Bus Company
22. Bill’s Texaco
23. Triple S Tires
24. Unocal
25. Wescott’s Auto & Truck

Location of the Red and Yellow Zones and Active Cleanup Sites
Hydrologic Cycle

Time to restore aquifer for drinking water use:

*Petroleum Hydrocarbons* .................................................. Decades
(Without cleanup)

*Petroleum Hydrocarbons* .................................................. A few years
(With removal of leaked fuel and highly contaminated soils)

*Solvents* ................................................................. Centuries
(Without cleanup)

*Solvents* ................................................................. Decades to centuries
(With removal of leaked solvents and highly contaminated soils)
THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY
**Information Repositories**

The Regional Water Board repository houses the most up-to-date, specific information on individual sites and other information related to the overall McMinn Avenue Site. Other repositories primarily contain important reports and documents related to the McMinn Avenue Site Investigation and Community Outreach.

<table>
<thead>
<tr>
<th>Repositories</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Regional Water Board</strong></td>
<td>Monday: 1:30 p.m. – 4:30 p.m.</td>
</tr>
<tr>
<td></td>
<td>Tuesday: 8:30 a.m. – 11:30 a.m. and 1:30 p.m. – 4:30 p.m.</td>
</tr>
<tr>
<td>5550 Skylane Boulevard, Suite A</td>
<td>Wednesday: 8:30 a.m. – 11:30 a.m.</td>
</tr>
<tr>
<td>Santa Rosa, CA 95403</td>
<td>Thursday: 8:30 a.m. – 11:30 a.m.</td>
</tr>
<tr>
<td>(707) 576-2220</td>
<td>Friday: 8:30 a.m. – 11:30 a.m.</td>
</tr>
<tr>
<td><strong>People for Economic Opportunity</strong></td>
<td>Sat./Sun.: Closed</td>
</tr>
<tr>
<td>555 Sebastopol Road, Suite A</td>
<td>Monday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Santa Rosa, CA 95407</td>
<td>Tuesday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>(707) 544-6911</td>
<td>Wednesday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td><strong>Sonoma County Public Library</strong></td>
<td>Thursday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Third and E Streets</td>
<td>Friday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Santa Rosa, California</td>
<td>Sat./Sun.: Closed</td>
</tr>
<tr>
<td>(707) 545-0831</td>
<td>Monday: 12:00 p.m. – 9:00 p.m.</td>
</tr>
<tr>
<td><strong>No appointment needed.</strong></td>
<td>Tuesday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Wednesday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Thursday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Friday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Saturday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Sunday: 2:00 p.m. – 6:00 p.m.</td>
</tr>
</tbody>
</table>

NCRWQCB
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403
February 16, 2010

Dear Andy:

Enclosed within are:

1) The results of the 1 analyzed sample from your project: 1400 Burbank,
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.
<table>
<thead>
<tr>
<th>SAMPLE ID</th>
<th>LOCATION</th>
<th>SAMPLING</th>
<th>MATRIX</th>
<th>METHOD</th>
<th>PRESERVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>DW-1</td>
<td></td>
<td>2-11-10 14:30</td>
<td>Soil</td>
<td>WOS4</td>
<td>x</td>
</tr>
<tr>
<td>DW-1</td>
<td></td>
<td></td>
<td>Sludge</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>DW-1</td>
<td></td>
<td></td>
<td>Other</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**Analysis Request**

- MTB & VES: VOS4 only (602/8021 + 1013)
- TPH as Diesel / Motor Oil (8013)
- Total Petroleum Hydrocarbons (solvent)
- EDF 600/800, 8002 PCP/CTS, Orphenadrine, Cancer
- EDF 500 RfC (NP pesticides)
- EDF 500 RfC (Pesticides)
- EDF 500 RfC (NP Pesticides)
- CAM 17 Metals (2007/2008/6010/6020)
- Lead (2007/2008/6010/6020)

**Comments:**

- Filter Samples for Metals analysis: Yes / No

**Keywords:**

- GOOD CONDITION
- HEAD SPACE ABSENT
- DEC Hlorinated IN LAB
- APPROPRIATE CONTAINERS
- PRESERVED IN LAB

**VOAS:** O & G

**METALS OTHER**

**pH:** 2

**Other:**

**Comments:**

- Exposed Water
**CHAIN-OF-CUSTODY RECORD**

**WorkOrder:** 1002353  
**ClientCode:** ECON

---

**Report to:**
- Andy Rodgers  
  ECON  
  241 South Main Street  
  Sebastopol, CA 95472  
  (707) 789-0262  
  FAX 707-823-8725

**Email:** andy@econca.com, yousef@econca.co  
cc:  
**PO:**  
**ProjectNo:** 1400 Burbank

**Bill to:**
- Andy Rodgers  
  ECON  
  241 South Main Street  
  Sebastopol, CA 95472

**Requested TAT:** 2 days  
**Date Received:** 02/12/2010  
**Date Printed:** 02/12/2010

---

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Client ID</th>
<th>Matrix</th>
<th>Collection Date</th>
<th>Hold</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001</td>
<td>DW-1</td>
<td>Water</td>
<td>2/11/2010 14:30</td>
<td></td>
<td>B</td>
<td>A</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Test Legend:**

1. 8260B_W  
2. G-MBTEX_W  
3. TPH(DMO)_W  
4.  
5.  
6.  
7.  
8.  
9.  
10.  
11.  
12.  

---

**Prepared by:** Samantha Arbuckle

---

**Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.
Sample Receipt Checklist

Client Name:  ECON  Date and Time Received:  2/12/2010 5:55:07 PM
Project Name:  1400 Burbank  Checklist completed and reviewed by:  Samantha Arbuckle
WorkOrder N°:  1002353  Matrix  Water  Carrier:  Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?  Yes ☑  No □
Chain of custody signed when relinquished and received?  Yes ☑  No □
Chain of custody agrees with sample labels?  Yes ☑  No □
Sample IDs noted by Client on COC?  Yes ☑  No □
Date and Time of collection noted by Client on COC?  Yes ☑  No □
Sampler's name noted on COC?  Yes ☑  No □

Sample Receipt Information

Custody seals intact on shipping container/cooler?  Yes □  No ☑  NA ☑
Shipping container/cooler in good condition?  Yes ☑  No □
Samples in proper containers/bottles?  Yes □  No ☑  NA □
Sample containers intact?  Yes ☑  No □
Sufficient sample volume for indicated test?  Yes ☑  No □

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?  Yes ☑  No □
Container/Temp Blank temperature  Cooler Temp: 2.8°C  NA □
Water - VOA vials have zero headspace / no bubbles?  Yes ☑  No □  No VOA vials submitted □
Sample labels checked for correct preservation?  Yes ☑  No □
Metal - pH acceptable upon receipt (pH<2)?  Yes □  No ☑  NA ☑
Samples Received on Ice?  Yes ☑  No □
(Ice Type:  WET ICE )

* NOTE: If the "No" box is checked, see comments below.

Client contacted:  Date contacted:  Contacted by:

Comments:
**Volatile Organics by P&T and GC/MS (Basic Target List)**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Concentration *</th>
<th>DF</th>
<th>Reporting Limit</th>
<th>Compound</th>
<th>Concentration *</th>
<th>DF</th>
<th>Reporting Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>ND</td>
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<td>1.0</td>
<td>tert-Amyl methyl ether (TAME)</td>
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</tr>
<tr>
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<td>Bromobenzene</td>
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<td>0.5</td>
</tr>
<tr>
<td>Bromochloromethane</td>
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<td>Bromodichloromethane</td>
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<tr>
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<td>Bromomethane</td>
<td>ND</td>
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<td>0.5</td>
</tr>
<tr>
<td>2-Butanone (MEK)</td>
<td>ND</td>
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<td>2.0</td>
<td>t-Butyl alcohol (TBA)</td>
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<td>2.0</td>
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<tr>
<td>n-Butyl benzene</td>
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<tr>
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<tr>
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<tr>
<td>Chloromethane</td>
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<td>2-Chlorotoluene</td>
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<tr>
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<td>1,2-Dibromoethane (DB)</td>
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<tr>
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<td>1,2-Dichlorobenzene</td>
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<tr>
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<td>1,4-Dichlorobenzene</td>
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<tr>
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<td>1,1-Dichloroethene</td>
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<tr>
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<td>trans-1,2-Dichloroethene</td>
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</tr>
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<tr>
<td>cis-1,3-Dichloropropane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>trans-1,3-Dichloropropane</td>
<td>ND</td>
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<td>0.5</td>
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<tr>
<td>Dioxopropyl ether (DIPE)</td>
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<td>Ethylbenzene</td>
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<td>Ethyl tert-butyl ether (ETBE)</td>
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<td>Freon 113</td>
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<td>Isopropylbenzene</td>
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<td>4-Isopropyl toluene</td>
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<tr>
<td>Methylene chloride</td>
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<td>4-Methyl-2-pentanone (MIBK)</td>
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<td>Trichlorofluoromethane</td>
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<td>1.0</td>
<td>0.5</td>
<td>1,2,3-Trichloropropane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,3,5-Trimethylbenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Vinyl Chloride</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Xylenes</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

**Surrogate Recoveries (%)**

<table>
<thead>
<tr>
<th>%SS1:</th>
<th>108</th>
<th>%SS2:</th>
<th>113</th>
</tr>
</thead>
<tbody>
<tr>
<td>%SS3:</td>
<td>86</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Comments:**

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

# surrogate diluted out of range or coelutes with another peak; & low surrogate due to matrix interference.
<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Client ID</th>
<th>Matrix</th>
<th>TPH(g)</th>
<th>MTBE</th>
<th>Benzene</th>
<th>Toluene</th>
<th>Ethylbenzene</th>
<th>Xylenes</th>
<th>DF</th>
<th>% SS</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>001A</td>
<td>DW-1</td>
<td>W</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>1</td>
<td>97</td>
<td></td>
</tr>
</tbody>
</table>

Reporting Limit for DF =1:
ND means not detected at or above the reporting limit

<table>
<thead>
<tr>
<th>W</th>
<th>50</th>
<th>5.0</th>
<th>0.5</th>
<th>0.5</th>
<th>0.5</th>
<th>0.5</th>
<th>µg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>1.0</td>
<td>0.05</td>
<td>0.005</td>
<td>0.005</td>
<td>0.005</td>
<td>0.005</td>
<td>mg/Kg</td>
</tr>
</tbody>
</table>

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

# cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
## Total Extractable Petroleum Hydrocarbons

**Extraction method:** SW3510C  
**Analytical methods:** SW8015B  
**Work Order:** 1002353

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Client ID</th>
<th>Matrix</th>
<th>TPH-Diesel (C10-C23)</th>
<th>TPH-Motor Oil (C18-C36)</th>
<th>DF</th>
<th>% SS</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001C</td>
<td>DW-1</td>
<td>W</td>
<td>ND</td>
<td>ND</td>
<td>1</td>
<td>97</td>
<td></td>
</tr>
</tbody>
</table>

### Notes

- Reporting Limit for DF = 1; ND means not detected at or above the reporting limit.
- Water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.
- # cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation.*

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager
QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water
QC Matrix: Water
BatchID: 48675
WorkOrder: 1002353

<table>
<thead>
<tr>
<th>Analyte</th>
<th>µg/L</th>
<th>Spiked µg/L</th>
<th>% Rec.</th>
<th>% Rec.</th>
<th>% RPD</th>
<th>% RPD</th>
<th>MS / MSD</th>
<th>RPD</th>
<th>LCS-LCSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>tert-Amyl methyl ether (TAME)</td>
<td>ND</td>
<td>10</td>
<td>95.3</td>
<td>97.5</td>
<td>2.30</td>
<td>82.4</td>
<td>86.9</td>
<td>5.25</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>10</td>
<td>111</td>
<td>109</td>
<td>1.75</td>
<td>101</td>
<td>102</td>
<td>0.624</td>
<td>70 - 130</td>
</tr>
<tr>
<td>t-Butyl alcohol (TBA)</td>
<td>ND</td>
<td>50</td>
<td>94.3</td>
<td>100</td>
<td>6.12</td>
<td>72.2</td>
<td>80</td>
<td>10.2</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Chlorobenzene</td>
<td>ND</td>
<td>10</td>
<td>115</td>
<td>113</td>
<td>1.80</td>
<td>107</td>
<td>105</td>
<td>1.90</td>
<td>70 - 130</td>
</tr>
<tr>
<td>1,2-Dibromoethane (EDB)</td>
<td>ND</td>
<td>10</td>
<td>113</td>
<td>113</td>
<td>0</td>
<td>99.4</td>
<td>102</td>
<td>2.83</td>
<td>70 - 130</td>
</tr>
<tr>
<td>1,2-Dichloroethane (1,2-DCA)</td>
<td>ND</td>
<td>10</td>
<td>109</td>
<td>108</td>
<td>0.445</td>
<td>93.8</td>
<td>96.1</td>
<td>2.34</td>
<td>70 - 130</td>
</tr>
<tr>
<td>1,1-Dichloroethene</td>
<td>ND</td>
<td>10</td>
<td>121</td>
<td>117</td>
<td>3.12</td>
<td>113</td>
<td>112</td>
<td>0.560</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Diisopropyl ether (DIPE)</td>
<td>ND</td>
<td>10</td>
<td>118</td>
<td>117</td>
<td>0.176</td>
<td>102</td>
<td>105</td>
<td>3.25</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Ethyl tert-butyl ether (ETBE)</td>
<td>ND</td>
<td>10</td>
<td>103</td>
<td>104</td>
<td>0.803</td>
<td>89.7</td>
<td>92.7</td>
<td>3.29</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Methyl tert-butyl ether (MTBE)</td>
<td>ND</td>
<td>10</td>
<td>109</td>
<td>109</td>
<td>0</td>
<td>90.9</td>
<td>94</td>
<td>3.35</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Toluene</td>
<td>ND</td>
<td>10</td>
<td>107</td>
<td>104</td>
<td>2.57</td>
<td>99.5</td>
<td>97.5</td>
<td>2.05</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Trichloroethene</td>
<td>ND</td>
<td>10</td>
<td>123</td>
<td>119</td>
<td>3.78</td>
<td>113</td>
<td>112</td>
<td>0.887</td>
<td>70 - 130</td>
</tr>
<tr>
<td>%SS1:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>%SS2:</td>
<td>108</td>
<td>25</td>
<td>110</td>
<td>108</td>
<td>1.02</td>
<td>106</td>
<td>105</td>
<td>0.174</td>
<td>70 - 130</td>
</tr>
<tr>
<td>%SS3:</td>
<td>113</td>
<td>25</td>
<td>113</td>
<td>113</td>
<td>0</td>
<td>115</td>
<td>114</td>
<td>0.684</td>
<td>70 - 130</td>
</tr>
</tbody>
</table>

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 48675 SUMMARY

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001B</td>
<td>02/11/10 2:30 PM</td>
<td>02/16/10 2:59 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

# surrogate diluted out of range or coelutes with another peak; & low surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644
### QC SUMMARY REPORT FOR SW8021B/8015Bm

**W.O. Sample Matrix:** Water  
**QC Matrix:** Water  
**BatchID:** 48504  
**WorkOrder:** 1002353

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Sample</th>
<th>Spiked</th>
<th>MS µg/L</th>
<th>Spiked µg/L</th>
<th>% Rec.</th>
<th>% RPD</th>
<th>MS-MSD µg/L</th>
<th>Spiked µg/L</th>
<th>% Rec.</th>
<th>% RPD</th>
<th>LCS µg/L</th>
<th>Spiked µg/L</th>
<th>% Rec.</th>
<th>% RPD</th>
<th>LCSD µg/L</th>
<th>Spiked µg/L</th>
<th>% Rec.</th>
<th>% RPD</th>
<th>LCSD-LCSD µg/L</th>
<th>Acceptance Criteria (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPH(btex)</td>
<td>ND</td>
<td>60</td>
<td>97.5</td>
<td>109</td>
<td>11.2</td>
<td>111</td>
<td>109</td>
<td>1.65</td>
<td>70 - 130</td>
<td>20</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>MTBE</td>
<td>ND</td>
<td>10</td>
<td>101</td>
<td>107</td>
<td>5.91</td>
<td>121</td>
<td>118</td>
<td>2.73</td>
<td>70 - 130</td>
<td>20</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>10</td>
<td>94.7</td>
<td>96.3</td>
<td>1.66</td>
<td>111</td>
<td>107</td>
<td>3.25</td>
<td>70 - 130</td>
<td>20</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>Toluene</td>
<td>ND</td>
<td>10</td>
<td>94.6</td>
<td>95.7</td>
<td>1.11</td>
<td>99.1</td>
<td>95.3</td>
<td>3.85</td>
<td>70 - 130</td>
<td>20</td>
<td>70 - 130</td>
<td>20</td>
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<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>ND</td>
<td>10</td>
<td>92.7</td>
<td>93.8</td>
<td>1.23</td>
<td>99.3</td>
<td>95.7</td>
<td>3.66</td>
<td>70 - 130</td>
<td>20</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>Xylenes</td>
<td>ND</td>
<td>30</td>
<td>95.7</td>
<td>96.8</td>
<td>1.13</td>
<td>113</td>
<td>109</td>
<td>3.45</td>
<td>70 - 130</td>
<td>20</td>
<td>70 - 130</td>
<td>20</td>
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<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>%SS:</td>
<td>99</td>
<td>10</td>
<td>99</td>
<td>0.172</td>
<td>98</td>
<td>100</td>
<td>99</td>
<td>0.935</td>
<td>70 - 130</td>
<td>20</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
</tr>
</tbody>
</table>

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

---

**BATCH 48504 SUMMARY**

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001A</td>
<td>02/11/10 2:30 PM</td>
<td>02/16/10</td>
<td>02/16/10 1:27 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DHS ELAP Certification 1644**

[Signature] QA/QC Officer
**QC SUMMARY REPORT FOR SW8015B**

**W.O. Sample Matrix:** Water  
**QC Matrix:** Water  
**BatchID:** 48503  
**WorkOrder:** 1002353  

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Sample</th>
<th>Spiked</th>
<th>MS</th>
<th>MSD</th>
<th>MS-MSD</th>
<th>LCS</th>
<th>LCSD</th>
<th>LCS-LCSD</th>
<th>Acceptance Criteria (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPH-Diesel (C10-C23)</td>
<td>N/A</td>
<td>1000</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>93.8</td>
<td>93.8</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>%SS:</td>
<td>N/A</td>
<td>625</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>96</td>
<td>96</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

**BATCH 48503 SUMMARY**

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001C</td>
<td>02/11/10 2:30 PM</td>
<td>02/12/10</td>
<td>02/13/10 12:54 AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / (MS + MSD) / 2.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644  
QA/QC Officer
PLATES
APPENDIX A
Photographic Log
Photo 1: West boundary of the Site seen from the west side of Burbank Avenue.

Photo 2: Riparian Vegetation surrounds Roseland Creek.

Photo 3: Dense vegetation in the Riparian Zone.
Photo 4: The residential area of the Site includes a single-family home and a barn.

Photo 5: Barn entrance.

Photo 6: North side of barn.
Photo 7: South Side of Barn.

Photo 8: Unused steel and concrete bridge over Roseland Creek. The vehicles parked in the background are on the adjacent property.

Photo 9: Power poles stored east of the barn.

Photo 10: Empty plastic drums and construction materials stored south of the barn.
Photo 11: The Residential Area is seen to the left of center and the Pasture Area is to the right.

Photo 12: East end of Pasture area.
Photo 13: Teapot and bottles from the Refuse Dump.

Photo 14: Refuse Dump.

Photo 15: Object from Refuse Dump.

Photo 16: Object from Refuse Dump.
Photo 17: Unused chicken coop.

Photo 18: Tools and materials stored in barn.

Photo 19: Materials stored in the barn.

Photo 20: Paint cans stored in the barn.
Photo 21: West side of Pump house.

Photo 22: Grouted well in Pump House.

Photo 23: Domestic Well.
APPENDIX B
Regulatory Agency Database Report
The EDR Radius Map™ Report with GeoCheck®
Thank you for your business.

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

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**TARGET PROPERTY INFORMATION**

**ADDRESS**

1400 BURBANK AVENUE  
SANTA ROSA, CA 95407

**COORDINATES**

Latitude (North): 38.423200 - 38˚ 25’ 23.5”
Longitude (West): 122.734700 - 122˚ 44’ 4.9”
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 523158.8
UTM Y (Meters): 4252598.5
Elevation: 125 ft. above sea level

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map: 38122-D6 SANTA ROSA, CA  
Most Recent Revision: 1999

West Map: 38122-D7 SEBASTOPOL, CA  
Most Recent Revision: 1980

**AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2005  
Source: USDA

**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
**EXECUTIVE SUMMARY**

<table>
<thead>
<tr>
<th>Proposed NPL</th>
<th>Proposed National Priority List Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPL LIENS</td>
<td>Federal Superfund Liens</td>
</tr>
</tbody>
</table>

**Federal Delisted NPL site list**

| Delisted NPL | National Priority List Deletions |

**Federal CERCLIS list**

| FEDERAL FACILITY | Federal Facility Site Information listing |

**Federal RCRA CORRAC TS facilities list**

| CORRAC TS | Corrective Action Report |

**Federal RCRA non-CORRAC TS TSD facilities list**

| RCRA-TSDF | RCRA - Treatment, Storage and Disposal |

**Federal RCRA generators list**

| RCRA-LQG | RCRA - Large Quantity Generators |
| RCRA-SQG | RCRA - Small 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 |

**Federal ERNS list**

| ERNS | Emergency Response Notification System |

**State- and tribal - equivalent NPL**

| RESPONSE | State Response Sites |

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

| SWF/LF | Solid Waste Information System |

**State and tribal leaking storage tank lists**

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

**State and tribal registered storage tank lists**

| UST | Active UST Facilities |
| 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 |
EXECUTIVE SUMMARY

VCP................................. Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS.............. A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites
ODI................................. Open Dump Inventory
DEBRIS REGION 9.............. Torres Martinez Reservation Illegal Dump Site Locations
WMUDS/SWAT..................... Waste Management Unit Database
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
Toxic Pits.......................... Toxic Pits Cleanup Act Sites
CDL................................. Clandestine Drug Labs
US HIST CDL...................... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks
CA FID UST........................ Facility Inventory Database
HIST UST........................... Hazardous Substance Storage Container Database
SWEEPS UST....................... SWEEPS UST Listing

Local Land Records
LIENS 2............................. CERCLA Lien Information
LUCIS............................... Land Use Control Information System
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 Ascertainable 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
MINES.............................. Mines Master Index File
EDR PROPRIETARY RECORDS

EDR Proprietary Records
Manufactured Gas Plants, __ EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

Sites listed in bold italics are in multiple databases.

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

Federal CERCLIS list
CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 06/30/2009 has revealed that there are 2 CERCLIS sites within approximately 0.5 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>
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</thead>
<tbody>
<tr>
<td>ALMETCO</td>
<td>1733 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.368 mi.)</td>
<td>G20</td>
<td>30</td>
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<tr>
<td>ACME AUTO WRECKERS</td>
<td>1885 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.402 mi.)</td>
<td>J29</td>
<td>42</td>
</tr>
</tbody>
</table>

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 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>
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<tbody>
<tr>
<td>OPTICAL CODING LABORATORIES, I</td>
<td>970 SEBASTOPOL RD.</td>
<td>NNE 1/4 - 1/2 (0.464 mi.)</td>
<td>O41</td>
<td>53</td>
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<tr>
<td>ROSELAND SCHOOL WELLS</td>
<td>950 SEBASTOPOL ROAD</td>
<td>NNE 1/4 - 1/2 (0.473 mi.)</td>
<td>O45</td>
<td>58</td>
</tr>
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</table>

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 11/09/2009 has revealed that there are...
18 ENVIROSTOR sites within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
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<th>Page</th>
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<tbody>
<tr>
<td><strong>WESCOTTS AUTO &amp; TRUCK PARTS IN</strong></td>
<td>1569 SEBASTOPOL RD</td>
<td>NNW 1/4 - 1/2 (0.344 mi.)</td>
<td>E10</td>
<td>19</td>
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<td>Status: Refer: RWQCB</td>
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<tr>
<td><strong>MCMINN AVENUE</strong></td>
<td>841 MCMINN AVENUE</td>
<td>NNE 1/4 - 1/2 (0.362 mi.)</td>
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<td>25</td>
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<tr>
<td><strong>VACANT (FORMALY AALMETCO)</strong></td>
<td>1733 SEBASTOPOL RD</td>
<td>NW 1/4 - 1/2 (0.368 mi.)</td>
<td>G19</td>
<td>29</td>
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<tr>
<td><strong>ACME AUTO WRECKERS INC.</strong></td>
<td>1885 SEBASTOPOL RD</td>
<td>NW 1/4 - 1/2 (0.402 mi.)</td>
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<tr>
<td><strong>COAST AUTO WRECKING</strong></td>
<td>949 SEBASTOPOL RD</td>
<td>NNE 1/4 - 1/2 (0.473 mi.)</td>
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<tr>
<td><strong>FOUCHE BROS</strong></td>
<td>2290 DUTTON AVENUE</td>
<td>SE 1/2 - 1 (0.763 mi.)</td>
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<td>71</td>
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<tr>
<td><strong>SHELL OIL WHOLESALE PLANT</strong></td>
<td>257 DUTTON</td>
<td>NE 1/2 - 1 (0.785 mi.)</td>
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<td>75</td>
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<td><strong>SANTA ROSA CIRCUITS</strong></td>
<td>35 / 48 WEST BARHAM AVE</td>
<td>ENE 1/2 - 1 (0.835 mi.)</td>
<td>63</td>
<td>76</td>
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<tr>
<td><strong>SANTA ROSA PLATING WORKS</strong></td>
<td>80 BARHAM AVE</td>
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<td>78</td>
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<td><strong>ELTRA CORP C &amp; D BATTERIES DIV</strong></td>
<td>265 ROBERTS AVE</td>
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<tr>
<td><strong>FORMER POINT ST. GEORGE FISHER</strong></td>
<td>8 SEBASTOPOL ROAD</td>
<td>NE 1/2 - 1 (0.925 mi.)</td>
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<td>83</td>
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<td><strong>MC GOWEN AUTO WRECKERS</strong></td>
<td>116 HOLBROOK STREET</td>
<td>NE 1/2 - 1 (0.927 mi.)</td>
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<td><strong>SQUARE DEAL AUTO WRECKING</strong></td>
<td>214 ROBERT AVENUE</td>
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<tr>
<td><strong>WESTERN AUTO WRECKERS</strong></td>
<td>112 3RD</td>
<td>NE 1/2 - 1 (0.954 mi.)</td>
<td>T73</td>
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<tr>
<td><strong>CITY OF SANTA ROSA PUBLIC WORK</strong></td>
<td>130 WEST THIRD STREET</td>
<td>NE 1/2 - 1 (0.965 mi.)</td>
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<table>
<thead>
<tr>
<th>Lower Elevation</th>
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<tr>
<td><strong>NEW ROSELAND AREA ELEMENTARY S</strong></td>
<td>1683 BURBANK AVENUE</td>
<td>S 1/8 - 1/4 (0.181 mi.)</td>
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<td><strong>REDWOOD CHEMICAL</strong></td>
<td>2450 STONEY POINT ROAD</td>
<td>SSW 1/2 - 1 (0.708 mi.)</td>
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<td>67</td>
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<tr>
<td><strong>MEADOW VIEW ELEMENTARY SCHOOL</strong></td>
<td>2641 DUTTON MEADOW</td>
<td>SSE 1/2 - 1 (0.750 mi.)</td>
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</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 12/21/2009 has revealed that there are 26 LUST sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
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<tbody>
<tr>
<td>WITHERS CAR WASH</td>
<td>SEBASTOPOL ROAD 1450</td>
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<tr>
<td>SLAKEY BROTHERS</td>
<td>SEBASTOPOL ROAD 1289</td>
<td>N 1/4 - 1/2 (0.337 mi.)</td>
<td>D9</td>
<td>18</td>
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<td>C &amp; L MOTORS</td>
<td>1380 SEBASTOPOL ROAD</td>
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<tr>
<td>WOOD, TALMADGE</td>
<td>HAMPTON WAY 1594</td>
<td>NNW 1/4 - 1/2 (0.354 mi.)</td>
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<td>FRONTIER ELECTRIC</td>
<td>HAMPTON WAY 1599</td>
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<td>SLAKEY BROTHERS</td>
<td>1289 SEBASTOPOL RD</td>
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<tr>
<td>ALMETCO, INC.</td>
<td>1733 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.368 mi.)</td>
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<td>ALMETCO</td>
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<tr>
<td>TAYLOR BUS COMPANY</td>
<td>SEBASTOPOL ROAD 1175</td>
<td>NNE 1/4 - 1/2 (0.375 mi.)</td>
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<td>ITT CONTINENTAL BAKING CO</td>
<td>SEBASTOPOL ROAD 1840</td>
<td>NW 1/4 - 1/2 (0.381 mi.)</td>
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<td>CONTINENTAL BAKING COMPANY</td>
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<tr>
<td>QUICK STOP MARKET</td>
<td>MCMINN AVENUE 816</td>
<td>NNE 1/4 - 1/2 (0.382 mi.)</td>
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<td>ROSELAND PAINT CENTER</td>
<td>1160 SEBASTOPOL ROAD</td>
<td>NNE 1/4 - 1/2 (0.392 mi.)</td>
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<td>FRONTIER ELECTRIC</td>
<td>1599 HAMPTON WAY</td>
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<tr>
<td>TRIPLE S TIRES</td>
<td>SEBASTOPOL ROAD 1124</td>
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<tr>
<td>CHANG, KEVIN</td>
<td>HAMPTON WAY 1580</td>
<td>NNW 1/4 - 1/2 (0.412 mi.)</td>
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<tr>
<td>CHANG, KEVIN</td>
<td>1580 HAMPTON</td>
<td>NNW 1/4 - 1/2 (0.412 mi.)</td>
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<tr>
<td>TEXACO, BILLS</td>
<td>SEBASTOPOL ROAD 1980</td>
<td>NW 1/4 - 1/2 (0.419 mi.)</td>
<td>M35</td>
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<td>BRUNING ASSOCIATES, INC</td>
<td>1980 SEBASTOPOL ROAD</td>
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<tr>
<td>BEVAN INVESTMENT</td>
<td>SEBASTOPOL ROAD 995</td>
<td>NNE 1/4 - 1/2 (0.432 mi.)</td>
<td>N38</td>
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<td>Status: Open - Verification Monitoring</td>
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<tr>
<td>LAIDLAW TRANSPORTATION</td>
<td>SEBASTOPOL ROAD 959</td>
<td>NNE 1/4 - 1/2 (0.467 mi.)</td>
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<td>959 SEBASTOPOL RD</td>
<td>NNE 1/4 - 1/2 (0.469 mi.)</td>
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<td>Status: Completed - Case Closed</td>
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<tr>
<td>ULTRAMAR INC 3489</td>
<td>921 SEBASTOPOL</td>
<td>NNE 1/4 - 1/2 (0.485 mi.)</td>
<td>P47</td>
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<td>Status: Open - Remediation</td>
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<td>BEACON #489 (ULTRAMAR)</td>
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### EXECUTIVE SUMMARY

**Equal/Higher Elevation**

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<tr>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>BP / REDWOOD OIL #110</strong></td>
<td>SEBASTOPOL ROAD 760</td>
<td>P49</td>
<td>63</td>
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<tr>
<td>Status: Open - Site Assessment</td>
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<tr>
<td><strong>MURRILL, AMES</strong></td>
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<tr>
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SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 12/21/2009 has revealed that there are 14 SLIC sites within approximately 0.5 miles of the target property.

<table>
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<tr>
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<tr>
<td>WESCHOTT'S BOB AUTO &amp; TRUCK PRT</td>
<td>1569 SEBASTOPOL ROAD</td>
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<tr>
<td>ALMETCO, INC.</td>
<td>1733 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.368 mi.)</td>
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<tr>
<td>QUICK STOP MARKET</td>
<td>MCMINN AVENUE 816</td>
<td>NNE 1/4 - 1/2 (0.382 mi.)</td>
<td>F24</td>
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<tr>
<td>ROSELAND PAINT CENTER</td>
<td>1160 SEBASTOPOL ROAD</td>
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<td>FACILITY NAME</td>
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<td>COTTAGE BAR</td>
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<tr>
<td>BEVAN INVESTMENT</td>
<td>SEBASTOPOL ROAD 995</td>
<td>NNE 1/4 - 1/2 (0.432 mi.)</td>
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<td>Facility Status: Open - Inactive</td>
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<td>GARDENER'S AID</td>
<td>1050 SEBASTOPOL ROAD</td>
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<td>OPTICAL COATING LABORATORY INC</td>
<td>977 SEBASTOPOL ROAD</td>
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<tr>
<td>ULTRAMAR INC 3489</td>
<td>921 SEBASTOPOL</td>
<td>NNE 1/4 - 1/2 (0.485 mi.)</td>
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<td><strong>BP / REDWOOD OIL #110</strong></td>
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<td>NNE 1/4 - 1/2 (0.485 mi.)</td>
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**Lower Elevation**

<table>
<thead>
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<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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</tr>
</thead>
<tbody>
<tr>
<td>DUTTON &amp; ASSOCIATES</td>
<td>1800 BURBANK AVENUE</td>
<td>S 1/4 - 1/2 (0.258 mi.)</td>
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<tr>
<td>DUTTON &amp; ASSOCIATES</td>
<td>1850 BURBANK AVENUE</td>
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</table>
EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

SCH: 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.

A review of the SCH list, as provided by EDR, and dated 11/09/2009 has revealed that there is 1 SCH site within approximately 0.25 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>NEW ROSELAND AREA ELEMENTARY S</td>
<td>1683 BURBANK AVENUE</td>
<td>S 1/8 - 1/4 (0.181 mi.)</td>
<td>1</td>
<td>7</td>
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</table>

Other Ascertainable Records

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 12/11/2009 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

<table>
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<th>Page</th>
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</thead>
<tbody>
<tr>
<td>AMERICAN FILTER RECOVERY SVCS</td>
<td>1218 TROMBETTA ST SW</td>
<td>SW 1/8 - 1/4 (0.246 mi.)</td>
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</table>

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

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

<table>
<thead>
<tr>
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<tr>
<td>MCMINN AVENUE</td>
<td>ROSELAND AREA</td>
<td>NNW 1/4 - 1/2 (0.312 mi.)</td>
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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].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 18 HIST CORTESE sites within approximately 0.5 miles of the target property.

<table>
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<tr>
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<th>Direction / Distance</th>
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<tbody>
<tr>
<td>WITHERS CAR WASH</td>
<td>SEBASTOPOL ROAD 1450</td>
<td>NNW 1/4 - 1/2 (0.327 mi.)</td>
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<tr>
<td>SLAKEY BROTHERS</td>
<td>SEBASTOPOL ROAD 1289</td>
<td>N 1/4 - 1/2 (0.337 mi.)</td>
<td>D9</td>
<td>18</td>
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<tr>
<td>WOOD, TALMADGE</td>
<td>HAMPTON WAY 1594</td>
<td>NNW 1/4 - 1/2 (0.354 mi.)</td>
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<tr>
<td>ALMETCO, INC.</td>
<td>1733 SEBASTOPOL ROAD</td>
<td>NW 1/4 - 1/2 (0.368 mi.)</td>
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<td>TAYLOR BUS COMPANY</td>
<td>SEBASTOPOL ROAD 1175</td>
<td>NNE 1/4 - 1/2 (0.375 mi.)</td>
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### EXECUTIVE SUMMARY

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<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUICK STOP MARKET</td>
<td>MCMINN AVENUE 816</td>
<td>NNE 1/4 - 1/2 (0.382 mi.)</td>
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<td>INTERSTATE BRANDS CORPORATION</td>
<td>1840 SEBASTOPOL RD</td>
<td>NW 1/4 - 1/2 (0.387 mi.)</td>
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<tr>
<td>FRONTIER ELECTRIC</td>
<td>1599 HAMPTON WAY</td>
<td>NNE 1/4 - 1/2 (0.399 mi.)</td>
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<td>TRIPLE S TIRES</td>
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<td>NNE 1/4 - 1/2 (0.399 mi.)</td>
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<td>ACME AUTO WRECKERS INC.</td>
<td>1885 SEBASTOPOL RD</td>
<td>NW 1/4 - 1/2 (0.402 mi.)</td>
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<td>CHANG, KEVIN</td>
<td>1580 HAMPTON</td>
<td>NW 1/4 - 1/2 (0.412 mi.)</td>
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<td>BEVIN INVESTMENT</td>
<td>SEBASTOPOL ROAD 995</td>
<td>NNE 1/4 - 1/2 (0.469 mi.)</td>
<td>N38</td>
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<tr>
<td>LAIDLAW TRANSIT INC</td>
<td>959 SEBASTOPOL RD</td>
<td>NNE 1/4 - 1/2 (0.485 mi.)</td>
<td>O43</td>
<td>54</td>
</tr>
<tr>
<td>ULTRAMAR INC 3489</td>
<td>921 SEBASTOPOL RD</td>
<td>NNE 1/4 - 1/2 (0.485 mi.)</td>
<td>P47</td>
<td>60</td>
</tr>
<tr>
<td>BP / REDWOOD OIL #110</td>
<td>SEBASTOPOL ROAD 760</td>
<td>NNE 1/4 - 1/2 (0.494 mi.)</td>
<td>P49</td>
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<td>MURRILL, AMES</td>
<td>ROSELAND AVENUE 439</td>
<td>NNE 1/4 - 1/2 (0.494 mi.)</td>
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<th>Direction / Distance</th>
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<tr>
<td>STEINOCHER, DANIEL G &amp; LI</td>
<td>969 KENMORE</td>
<td>WNW 1/4 - 1/2 (0.472 mi.)</td>
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</table>

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

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 16 Notify 65 sites within approximately 1 mile of the target property.

<table>
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<tr>
<td>WILSON BAUGH ENTERPRISES</td>
<td>805 SEBASTOPAL</td>
<td>N 1/4 - 1/2 (0.350 mi.)</td>
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<td>SEBASTOPAL B.P.</td>
<td>760 SEBASTOPAL</td>
<td>NNE 1/4 - 1/2 (0.485 mi.)</td>
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<tr>
<td>EXCHANGE BANK DATA CENTER</td>
<td>330 SEBASTOPAL</td>
<td>NE 1/2 - 1 (0.521 mi.)</td>
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<td>YELLOW ROADWAY FREIGHT</td>
<td>270 DUTTON AVENUE</td>
<td>NE 1/2 - 1 (0.781 mi.)</td>
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<td>SHELL (DUTTON)</td>
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<td>NE 1/2 - 1 (0.783 mi.)</td>
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<td>258 DUTTON</td>
<td>258 DUTTON</td>
<td>NE 1/2 - 1 (0.785 mi.)</td>
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<td>DZ INC</td>
<td>257 DUTTON</td>
<td>NE 1/2 - 1 (0.785 mi.)</td>
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<td>DZ INC, SHELL BULK PLANT</td>
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<tr>
<td>RESIDENCE</td>
<td>1267 CORBY AVE</td>
<td>E 1/2 - 1 (0.936 mi.)</td>
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<td>1267 CORBY AVE</td>
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<tr>
<td>RESIDENCE</td>
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<td>GREG’S AUTOMOTIVE</td>
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<td>SE 1/2 - 1 (0.969 mi.)</td>
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<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
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<tbody>
<tr>
<td>ANDY BONDI</td>
<td>1834 ROSE AVENUE</td>
<td>WNW 1/4 - 1/2 (0.330 mi.)</td>
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<td>ANDY BONDI</td>
<td>1834 ROSE AVENUE</td>
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<tr>
<td>OPTICAL COATING LABORATORY INC</td>
<td>STORMDRAIN @ NORTHPOINT</td>
<td>NW 1/2 - 1 (0.633 mi.)</td>
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<td>67</td>
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<tr>
<td>ANGIE KENDALL</td>
<td>2611 GIFFEN AVENUE</td>
<td>WSW 1/2 - 1 (0.919 mi.)</td>
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Due to poor or inadequate address information, the following sites were not mapped:

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<th>Site Name</th>
<th>Database(s)</th>
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<tbody>
<tr>
<td>YOLO, DANIEL 4TH ST</td>
<td>HIST CORTESE, LUST</td>
</tr>
<tr>
<td>STEVENSON EQUIPMENT</td>
<td>HIST CORTESE, CHMIRS</td>
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<td>FAST &amp; EASY MART</td>
<td>LUST</td>
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<tr>
<td>AHL PROPERTY</td>
<td>LUST</td>
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<td>LLANO ROAD TO HWY</td>
<td>RCRA-SQG, FINDS</td>
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<td>MCMINN AVENUE SUPERFUND AREA</td>
<td>SLIC</td>
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<td>LOS GUILICOS</td>
<td>SLIC</td>
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<tr>
<td>SANTA ROSA CITY / HIGHWAY 12 INTER</td>
<td>SLIC</td>
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<td>SANTA ROSA CITY / HIGHWAY 12 INTER</td>
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<td>ROSELAND CREEK @ BURBANK AVENUE</td>
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<td>WEST COLLEGE AVENUE / CLOVER DRIVE</td>
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<td>SRDPW COLLEGE AVENUE</td>
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<td>SANTA ROSA DPW SARACEN AVENUE</td>
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# MAP FINDINGS SUMMARY

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<th>Target Property</th>
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### EDR PROPRIETARY RECORDS

**EDR Proprietary Records**

Manufactured Gas Plants | 1.000 | 0 | 0 | 0 | 0 | NR | 0

**NOTES:**

TP = Target Property
NR = Not Requested at this Search Distance
Sites may be listed in more than one database
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**NEW ROSELAND AREA ELEMENTARY SCHOOL**

1683 BURBANK AVENUE
SANTA ROSA, CA 95407

- **Facility ID:** 700000113
- **Site Type:** School Cleanup
- **Site Type Detail:** School
- **Site Mgmt. Req.:** Not reported
- **Acres:** 11.4
- **Cleanup Oversight Agencies:** SMBRP
- **Lead Agency:** SMBRP
- **Lead Agency Description:** DTSC - Site Mitigation And Brownfield Reuse Program
- **Project Manager:** NEAL HUTCHISON
- **Supervisor:** Mark Malinowski
- **Division Branch:** Sacramento
- **Site Code:** 204162
- **Assembly:** 06
- **Senate:** 02
- **Special Program Status:** Not reported
- **Status:** Active
- **Status Date:** 2005-08-25 00:00:00
- **Restricted Use:** NO
- **Funding:** School District
- **Latitude:** 38.4221541921792
- **Longitude:** -122.735437489936
- **APN:** Not reported
- **Past Use:** Not reported
- **Potential COC:** Not reported
- **Confirmed COC:** Not reported
- **Potential Description:** Not reported
- **Alias Name:** 125-321-001
- **Alias Type:** APN
- **Alias Name:** Roseland Elementary School
- **Alias Type:** Alternate Name
- **Alias Name:** 700000113
- **Alias Type:** Envirostor ID Number
- **Alias Name:** New Burbank Elementary School
- **Alias Type:** Former Project ID
- **Alias Name:** New Burbank Elementary School
- **Alias Type:** Alternate Name
- **Alias Name:** 110033611731
- **Alias Type:** EPA (FRS #)
- **Alias Name:** 204162
- **Alias Type:** Project Code (Site Code)

**Completed Info:**

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Preliminary Endangerment Assessment Report
- **Completed Date:** 2007-07-17 00:00:00

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Supplemental Site Investigation Report
- **Completed Date:** 2008-04-07 00:00:00
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NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 2008-08-01 00:00:00
Schedule Revised Date: Not reported

ENVIROSTOR:
Site Type: School Cleanup
Site Type Detailed: School
Acres: 11.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: NEAL HUTCHISON
Supervisor: Mark Malinowski
Division Branch: Sacramento
Facility ID: 70000113
Site Code: 204162
Assembly: 06
Senate: 02
Special Program: Not reported
Status: Active
Status Date: 2005-08-25 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 38.4221541921792
Longitude: -122.735437489936
APN: 125-321-001
Past Use: AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC: 31001, 30001, 30006, 30007, 30008, 30013, 30019, 30022, 30027
Confirmed COC: 30019, 30022-NO, 31001, 30027-NO, 30001-NO, 30006-NO, 30007-NO, 30008-NO, 30013
Potential Description: OTH, SED, SOIL, SV, UE
Alias Name: 125-321-001
Alias Type: APN
Alias Name: Roseland Elementary School
Alias Type: Alternate Name
Alias Name: 70000113
Alias Type: Envirostor ID Number
Alias Name: New Burbank Elementary School
Alias Type: Former Project ID
Alias Name: New Burbank Elementary School
Alias Type: Alternate Name
Alias Name: 110033611731
Alias Type: EPA (FRS #)
Alias Name: 204162
Alias Type: Project Code (Site Code)

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 2007-07-17 00:00:00
NEW ROSELAND AREA ELEMENTARY SCHOOL  (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 2008-04-07 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 2009-03-09 00:00:00

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Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 2006-06-16 00:00:00

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Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 2007-06-29 00:00:00

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Completed Date: 2007-09-21 00:00:00

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Completed Date: 2008-10-31 00:00:00

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Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 2008-08-29 00:00:00

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Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 2008-10-27 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 2005-09-12 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 2007-09-05 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Partial Site Approval
Completed Date: 2007-09-21 00:00:00

Completed Area Name: PROJECT WIDE
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NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

Completed Document Type: CEQA - Notice of Exemption
Completed Date: 2009-03-09 00:00:00

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 2008-08-01 00:00:00
Schedule Revised Date: Not reported

2 AMERICAN FILTER RECOVERY SVCS
SW
1218 TROMBETTA ST
1/8-1/4
SANTA ROSA, CA 95407
0.246 mi.
1298 ft.

Relative: Lower
Actual: 123 ft.

RCRA-NonGen:
Date form received by agency: 06/19/2000
Facility name: AMERICAN FILTER RECOVERY SVCS
Facility address: 1218 TROMBETTA ST
SANTA ROSA, CA 954075933
EPA ID: CAR000049676
Mailing address: P O BOX 7349
SANTA ROSA, CA 954075347
Contact: LAINE LEWIS
Contact address: P O BOX 7349
SANTA ROSA, CA 954075347
Contact country: US
Contact telephone: (707) 546-7166
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: LAINE ALBERT LEWIS
Owner/operator address: P O BOX 7349
SANTA ROSA, CA 95407
Owner/operator country: Not reported
Owner/operator telephone: (707) 566-7755
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): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETonation OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

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

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLoroETHYLENE, METHYLENE CHLORIDE, TRICHLORoETHYLENE, 1,1,1-TRICHLORoETHANE, CHLorOBENZENE, 1,1,2-TRICHLoro-1,2,2-TRIFLUORoETHANE, ORTHO-DICHLoroBENZENE, TRICHLORoFLUORoMETHANE, AND 1,1,2-TRICHLORoETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
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<td>F004</td>
<td>THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
</tr>
<tr>
<td>F005</td>
<td>THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
</tr>
<tr>
<td>F037</td>
<td>PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.</td>
</tr>
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Violation Status: No violations found
AMERICAN FILTER RECOVERY SVCS (Continued)

Mailing Address: P O BOX 7349
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .2500
Facility County: Sonoma

Mailing Address: P O BOX 7349
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .4586
Facility County: Sonoma

Mailing Address: P O BOX 7349
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: .2500
Facility County: Sonoma

Mailing Address: P O BOX 7349
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Empty containers less than 30 gallons
Disposal Method: Not reported
Tons: .0225
Facility County: Sonoma

Gepaid: CAR000049676
Contact: LAINÉ ALBERT LEWIS
AMERICAN FILTER RECOVERY SVCS  (Continued)

Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 7349
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: 0.2293
Facility County: Sonoma

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

SLIC: DUTTON & ASSOCIATES

1800 BURBANK AVENUE
SANTA ROSA, CA 95407

A3 South 1493 ft.
0.283 mi.
Site 1 of 2 in cluster A

Relative: Lower
Actual: 123 ft.

Facility Status: Completed - Case Closed
Status Date: 1994-02-18 00:00:00
Global Id: T0609793567
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.419931
Longitude: -122.739376
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR233
File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Diesel
General Comments: Not reported

SLIC:
Region: 1
Staff Initials: Facility Closed

SLIC: DUTTON & ASSOCIATES

1850 BURBANK AVENUE
SANTA ROSA, CA 95407

A4 South 1439 ft.
0.283 mi.
Site 2 of 2 in cluster A

Relative: Lower
Actual: 123 ft.

Facility Status: Completed - Case Closed
Status Date: 1994-02-18 00:00:00
Global Id: T0609793295
### Site Information

**DUTTON & ASSOCIATES (Continued)**

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<td>Potential Contaminants of Concern:</td>
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<td>General Comments:</td>
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**SLIC:**
- Region: 1
- Facility ID: 1NSR232
- Staff Initials: Facility Closed

---

**B5**

**Relative:**
- CA BOND EXP. PLAN:
  - Responsible Party: DETAILED SITE EXPENDITURE PLAN
  - Project Revenue Source Company: Not reported
  - Project Revenue Source Addr: Not reported
  - Project Revenue Source City,St,Zip: Not reported
  - Project Revenue Source Desc: Currently there are no identified responsible parties. Therefore, Bond funds will be used to investigate and remediate the site. If during the investigation RPs are identified, DHS will pursue appropriate cost recovery activities. This site is currently not on the NPL, nor does it appear to be a likely candidate for NPL listing in the near future. Therefore, it is unlikely that federal funds will become available for this site.

**Site Description:**
Ground water contamination in privately-owned wells has been discovered. The area where investigation activities have been focused is designated as the Local Study Area and is defined as the area within a 2000-foot radius of the intersection of McMinn Avenue and Sebastopol Road. More than 50 potential sources of contamination have been identified, although responsible parties have not yet been identified.

**Hazardous Waste Desc:**
Initial sampling and analysis of water from private wells, conducted by the Sonoma County Public Health Department and Regional Water Quality Control Board, indicated ground water contaminated by fuels and associated compounds and solvents. Seven of thirty eight private wells, which were sampled by DHS in the fall of 1986, were found to have concentrations of contaminants at or exceeding State drinking water action levels. Contaminants which were found to exceed State action levels include benzene, 1,2-dichloroethane (DCE), tetrachloroethylene (TCE) and vinyl chloride. Fuels have been found floating in monitoring wells, 1,2-dichloroethane (DCE), tetrachloroethylene (TCE) and vinyl chloride. Fuels have been found floating in monitoring wells.

**Threat To Public Health & Env:**
The primary threat is from consumption of contaminated well water. Migration of ground water contaminants may result in the contamination of additional wells.

**Site Activity Status:**
The preliminary site assessment and investigation (PSAI) has been completed and the final report was issued in July, 1987. Soil gas sampling was conducted in August, 1987. Implementation of the first Phase of the RI started June, 1988. The work to be completed in this Phase includes drilling, installation and
MCMINN AVENUE (Continued)

The RWQCB has completed underground tank investigations at several locations in the study area. Data generated will be used to identify sources of contamination and potential RPs and to determine the direction of future work. The RWQCB has completed underground tank investigations at several locations in the study area.

**Withers Car Wash**

- **Address:** Sebastopol Road 1450
- **City:** Santa Rosa, CA
- **Distance:** 0.327 mi.
- **Elevation:** 1727 ft.
- **Site:** Site 2 of 2 in cluster B

**LUST:**

- **Region:** STATE
- **Global Id:** T0609700063
- **Latitude:** 0
- **Longitude:** 0
- **Case Type:** LUST Cleanup Site
- **Status:** Completed - Case Closed
- **Status Date:** 1989-09-19 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO090
- **LOC Case Number:** Not reported
- **File Location:** Not reported
- **Potential Media Affect:** Soil
- **Potential Contaminants of Concern:** Gasoline
- **Site History:** Not reported

**LUST REG 1:**

- **Region:** 1
- **Facility ID:** 1TSO090
- **Staff Initials:** Closed

**HAZNET:**

- **Gepaid:** CAL000093522
- **Contact:** KESSON CO, INC
- **Telephone:** 0000000000
- **Facility Addr:** Not reported
- **Mailing Name:** Not reported
- **Mailing Address:** 1450 SEBASTOPOL RD
- **Mailing City,St,Zip:** SANTA ROSA, CA 954070000
- **Gen County:** Sonoma
- **TSD EPA ID:** CAD980887418
- **TSD County:** 1
- **Waste Category:** Waste oil and mixed oil
- **Disposal Method:** Not reported
- **Tons:** 11.4675
- **Facility County:** Sonoma
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<td>Groundwater impacted with petroleum hydrocarbons. Plume is stable and former UST location identified as a source of contamination.</td>
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SLAKEY BROTHERS (Continued)

localized. In progress of implementing corrective action.

LUST REG 1:
Region: 1
Facility ID: 1TSO030
Staff Initials: WTE

E10  WESCOTTS AUTO & TRUCK PARTS INC CA WDS S101482592
NNW  1569 SEBASTOPOL RD NPDES N/A
      SANTA ROSA, CA  95407 HAZNET
      1/4-1/2 ENVIROSTOR
      0.344 mi.
SIC Code: 3714
SIC Code 2: Not reported
Primary Waste: Stormwater Runoff
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants
or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils,
rubble and concrete are examples of this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
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.
### WESCOTTS AUTO & TRUCK PARTS INC (Continued)

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| Discharge Name: | Wescotts, Bob |
| Discharge Address: | 1569 Sebastopol Rd |
| Discharge City: | Santa Rosa |
| Discharge State: | CA |
| Discharge Zip: | 95407 |

### HAZNET:

- **Gepaid:** CAL000016435
- **Contact:** BOB WESCOTT (PRESIDENT)
- **Telephone:** 0000000000
- **Facility Addr2:** Not reported
- **Mailing Name:** Not reported
- **Mailing Address:** 1569 SEBASTOPOL RD
- **Mailing City,St,Zip:** SANTA ROSA, CA 9540700000
- **Gen County:** Sonoma
- **TSD EPA ID:** CAD009452657
- **TSD County:** San Mateo
- **Waste Category:** Unspecified organic liquid mixture
- **Disposal Method:** Recycler
- **Tons:** .3961
- **Facility County:** Sonoma

- **Gepaid:** CAL000016435
- **Contact:** BOB WESCOTT (PRESIDENT)
- **Telephone:** 0000000000
- **Facility Addr2:** Not reported
- **Mailing Name:** Not reported
- **Mailing Address:** 1569 SEBASTOPOL RD
- **Mailing City,St,Zip:** SANTA ROSA, CA 9540700000
- **Gen County:** Sonoma
- **TSD EPA ID:** CAT080013352
- **TSD County:** Los Angeles
- **Waste Category:** Unspecified aqueous solution
- **Disposal Method:** Recycler
- **Tons:** .4587
- **Facility County:** Sonoma

- **Gepaid:** CAL000016435
- **Contact:** BOB WESCOTT (PRESIDENT)
- **Telephone:** 0000000000
- **Facility Addr2:** Not reported
WESCOTT'S AUTO & TRUCK PARTS INC (Continued)

Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: .4170
Facility County: Sonoma

Gepaid: CAL000016435
Contact: BOB WESCOTT (PRESIDENT)
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: .4587
Facility County: Sonoma

Gepaid: CAL000016435
Contact: BOB WESCOTT (PRESIDENT)
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Transfer Station
Tons: .6171
Facility County: Sonoma

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

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49500010
Site Code: Not reported
Assembly: 07
WESCOTTS AUTO & TRUCK PARTS INC (Continued)

Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-09-27 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.429101876391
Longitude: -122.737095163266
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49500010
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-04-06 00:00:00

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

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 2009-02-26 00:00:00
Global Id: T0609793338
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.427848
Longitude: -122.736929
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR285
File Location: Regional Board
**WESCOOT'S BOB AUTO & TRUCK PRT (Continued)**

**MAP FINDINGS**

**EDR ID Number:** S105051157

**Database(s):** Site

**Site:** EDR ID Number

**Staff Initials:** SKB

**Facility ID:** 1NSR285

**Region:** 1

**Former salvage yard, source of TCE contamination. Needs to determine the extent of contamination.**

**SLIC:**
- Region: 1
- Facility ID: 1NSR285
- Staff Initials: SKB

---

**D12**

**C & L MOTORS**

**North**

1380 SEBASTOPOL ROAD

1/4-1/2

0.350 mi.

1845 ft.

Site 2 of 4 in cluster D

**Relative:**
- Higher

**Actual:**
- 134 ft.

**LUST:**
- Region: STATE
- Global Id: T0609765962
- Latitude: 38.4259124
- Longitude: -122.7528596
- Case Type: LUST Cleanup Site
- Status: Completed - Case Closed
- Status Date: 2003-12-08 00:00:00
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Case Worker: Not reported
- Local Agency: Not reported
- RB Case Number: 1TSO854
- LOC Case Number: Not reported
- File Location: Regional Board
- Potential Media Affected: Under Investigation
- Potential Contaminants of Concern: Not reported
- Site History: Not reported

---

**D13**

**WILSON BAUGH ENTERPRISES**

**North**

805 SEBASTOPAL

1/4-1/2

0.350 mi.

1849 ft.

Site 3 of 4 in cluster D

**Relative:**
- Higher

**Actual:**
- 134 ft.

**Notify 65:**
- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Incident Description: 93582
### Site 14: WOOD, TALMADGE
#### NNW
- Facility Location: HAMPTON WAY 1594
- City: SANTA ROSA, CA
- Date: 1/4-1/2
- Distance: 0.354 mi.
- Elevation: 1870 ft.

#### Findings:
- **Site History:** Gasoline
- **Potential Contaminants of Concern:** Aquifer used for drinking water supply
- **Relative Elevation:** CORTESE
  - **Higher:** CORTESE
  - **Actual:** 130 ft.

#### LUST:
- **Region:** LUST
- **Global Id:** T0609700080
- **Lat/Long:** 0
- **Case Type:** LUST Cleanup Site
- **Status:** Completed - Case Closed
- **Status Date:** 1996-09-20 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO110
- **LOC Case Number:** Not reported
- **File Location:** Not reported
- **Potential Media Affect:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Gasoline
- **Site History:** Not reported

#### Site Details:
- **LOC Case Number:** 1TSO110
- **RB Case Number:** N/A
- **Local Agency:** N/A
- **Case Worker:** N/A
- **Lead Agency:** N/A
- **Regional Board:** N/A

---

### Site 15: FRONTIER ELECTRIC
#### E15
- Facility Location: HAMPTON WAY 1599
- City: SANTA ROSA, CA
- Date: 1/4-1/2
- Distance: 0.355 mi.
- Elevation: 1875 ft.

#### Findings:
- **Site History:** Gasoline
- **Relative Elevation:** CORTESE
  - **Higher:** CORTESE
  - **Actual:** 131 ft.

#### LUST:
- **Region:** LUST
- **Global Id:** T0609700080
- **Lat/Long:** 0
- **Case Type:** LUST Cleanup Site
- **Status:** Completed - Case Closed
- **Status Date:** 1996-09-20 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO110
- **LOC Case Number:** Not reported
- **File Location:** Not reported
- **Potential Media Affect:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Gasoline
- **Site History:** Not reported

#### Site Details:
- **LOC Case Number:** 1TSO110
- **RB Case Number:** N/A
- **Local Agency:** N/A
- **Case Worker:** N/A
- **Lead Agency:** N/A
- **Regional Board:** N/A

---

### Site 16: SLAKEY BROTHERS
#### D16
- Facility Location: 1289 SEBASTOPOL RD
- City: SANTA ROSA, CA
- Date: 1/4-1/2
- Distance: 0.356 mi.
- Elevation: 1878 ft.

#### Findings:
- **Site History:** Gasoline
- **Relative Elevation:** SLAKEY BROTHERS
  - **Higher:** SLAKEY BROTHERS
  - **Actual:** 134 ft.

#### LUST:
- **Region:** LUST
- **Global Id:** T0609700080
- **Lat/Long:** 0
- **Case Type:** LUST Cleanup Site
- **Status:** Completed - Case Closed
- **Status Date:** 1996-09-20 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO110
- **LOC Case Number:** Not reported
- **File Location:** Not reported
- **Potential Media Affect:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Gasoline
- **Site History:** Not reported

#### Site Details:
- **LOC Case Number:** 1TSO110
- **RB Case Number:** N/A
- **Local Agency:** N/A
- **Case Worker:** N/A
- **Lead Agency:** N/A
- **Regional Board:** N/A

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**Map Findings**

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**TC2694606.2s  Page 24**
SLAKEY BROTHERS (Continued)

LOP Number: 00001932
Funding Fed / State: Federal
Staff: Not reported
Global ID: T0609700022

F17 MCMINN AVENUE  ENVIROSTOR  S101482558
NNE 841 MCMINN AVENUE  N/A
1/4-1/2  SANTA ROSA, CA 95401
0.362 mi.  N/A
1909 ft.  F17 ENVIROSTOR
Site 1 of 2 in cluster F

Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 350
NPL: NO
Regulatory Agencies: RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49280005
Site Code: 200065
Assembly: 07
Senate: 02
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1994-12-05 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 38.4277871660134
Longitude: -122.732800008518
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: 20017
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: P21041
Alias Type: PCode
Alias Name: 110033610260
Alias Type: EPA (FRS #)
Alias Name: 49280005
Alias Type: Envirostor ID Number
Alias Name: 200065
Alias Type: Project Code (Site Code)

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00

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ALMETCO, INC. (Continued)

RB Case Number: 1NSO463
File Location: Regional Board
Potential Media Affected: Well used for drinking water supply
Potential Contaminants of Concern: Not reported
General Comments: Not reported

SLIC:
Region: 1
Facility ID: 1NSO463
Staff Initials: SKB

EMI:
Year: 1990
County Code: 49
Air Basin: SF
Facility ID: 3965
Air District Name: BA
SIC Code: 3442
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: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

G19 VACANT (FORMALY AALMETCO) SWEEPS UST 1000727888
NW 1733 SEBASTOPOL RD ENVIROSTOR N/A
1/4-1/2 SANTA ROSA, CA 95407
0.368 mi. Site 2 of 3 in cluster G
1945 ft. Relative: SWEEPS UST:
Higher Actual: Not reported
129 ft.
Comp Number: 2012
Status: Not reported
Board Of Equalization: 44-035086
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrb Tank Id: 49-000-002012-000001
Actv Date: Not reported
Capacity: 1000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical

* Historical
VACANT (FORMALY AALMETCO) (Continued)

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- Completed Document Type: Site Screening
- Completed Date: 1988-04-21 00:00:00

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- Completed Document Type: * Discovery
- Completed Date: 1988-02-10 00:00:00

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Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

G20  ALMETCO  CERCLIS  1000707592
NW  1733 SEBASTOPOL ROAD  FINDS  CAD983644956
1/4-1/2  SANTA ROSA, CA  95407  LUST
0.368 mi.  1945 ft.  Site 3 of 3 in cluster G
1945 ft.
Relative:  Higher
Actual: 129 ft.
CERCLIS:
- Site ID: 0904536
- Federal Facility: Not a Federal Facility
- NPL Status: Not on the NPL
CERCLIS Site Contact Name(s):
- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 92711

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 92700

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 13002

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 92700

Site Description: Not reported

CERCLIS Assessment History:
- **Action:** DISCOVERY
  - Date Started: Not reported
  - Date Completed: 6/22/1992 0:00:00
  - Priority Level: Not reported

- **Action:** PRELIMINARY ASSESSMENT
  - Date Started: Not reported
  - Date Completed: 9/29/1994 0:00:00
  - Priority Level: Higher priority for further assessment

- **Action:** SITE INSPECTION
  - Date Started: 9/1/1994 0:00:00
  - Date Completed: 9/27/1995 0:00:00
  - Priority Level: Low priority for further assessment

**FINDS:**
- Registry ID: 110009268595

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

**LUST REG 1:**
- Region: 1
- Facility ID: 1TSO463
- Staff Initials: SKB
### H21 TAYLOR BUS COMPANY

**Address:** SEBASTOPOL ROAD 1175
**City:** SANTA ROSA, CA

**Relative:** Site 1 of 2 in cluster H

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**LUST:**

- **Global Id:** T0609700202
- **Latitude:** 38.429348228
- **Longitude:** -122.7332258
- **Case Type:** LUST Cleanup Site
- **Status:** Open - Site Assessment
- **Status Date:** 2006-03-21 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO271
- **LOC Case Number:** Not reported
- **File Location:** Regional Board
- **Potential Media Affect:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Benzene, Other Chlorinated Hydrocarbons, Toluene, Xylene, Lead, Diesel, Fuel Oxygenates, Gasoline
- **Site History:** Former USTs/ASTs. Soil and groundwater impacted with gasoline, BTEX, and MTBE. Extent of contamination has been defined. Corrective action plan needs to be developed and implemented.

### I22 ITT CONTINENTAL BAKING CO

**Address:** 1810 SEBASTOPOL RD
**City:** SANTA ROSA, CA

**Relative:** Site 1 of 2 in cluster I

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**LUST:**

- **Global Id:** T0609700202
- **Latitude:** 38.429348228
- **Longitude:** -122.7332258
- **Case Type:** LUST Cleanup Site
- **Status:** Open - Site Assessment
- **Status Date:** 2006-03-21 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO271
- **LOC Case Number:** Not reported
- **File Location:** Regional Board
- **Potential Media Affect:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Benzene, Other Chlorinated Hydrocarbons, Toluene, Xylene, Lead, Diesel, Fuel Oxygenates, Gasoline
- **Site History:** Former USTs/ASTs. Soil and groundwater impacted with gasoline, BTEX, and MTBE. Extent of contamination has been defined. Corrective action plan needs to be developed and implemented.
**J23**  
**CONTEMPORARY BAKING COMPANY**  
**SEBASTOPOL ROAD 1840**  
**SANTA ROSA, CA**  
**1/4-1/2**  
**0.381 mi.**  
**2010 ft.**  
**Site 1 of 4 in cluster J**

**Relative:**  
**Higher**  
**Actual:**  
**127 ft.**

**LUST:**  
**Region:**  
**Global Id:** T0609700659  
**Latitude:** 38.426465376  
**Longitude:** -122.739966  
**Case Type:** LUST Cleanup Site  
**Status:** Completed - Case Closed  
**Status Date:** 1995-05-22 00:00:00  
**Lead Agency:** NORTH COAST RWQCB (REGION 1)  
**Case Worker:** Not reported  
**Local Agency:** SONOMA COUNTY LOP  
**RB Case Number:** 1TSR168  
**LOC Case Number:** 00001217  
**File Location:** Not reported  
**Potential Media Affect:** Aquifer used for drinking water supply  
**Potential Contaminants of Concern:** Diesel  
**Site History:** Not reported

**LUST REG 1:**  
**Region:** 1  
**Facility ID:** 1TSR168  
**Staff Initials:** Closed

---

**F24**  
**QUICK STOP MARKET**  
**MCMINN AVENUE 816**  
**SANTA ROSA, CA**  
**1/4-1/2**  
**0.382 mi.**  
**2014 ft.**  
**Site 2 of 2 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**137 ft.**

**CORTESE:**  
**Region:** CORTESE  
**Facility County Code:** 49  
**Reg By:** LTNKA  
**Reg Id:** 1TSR275

**LUST:**  
**Region:** STATE  
**Global Id:** T0609700721  
**Latitude:** 38.42877986  
**Longitude:** -122.732159188  
**Case Type:** LUST Cleanup Site  
**Status:** Open - Remediation  
**Status Date:** 2007-05-18 00:00:00  
**Lead Agency:** NORTH COAST RWQCB (REGION 1)  
**Case Worker:** Not reported  
**Local Agency:** SANTA ROSA, CITY OF  
**RB Case Number:** 1TSR275  
**LOC Case Number:** Not reported  
**File Location:** Regional Board  
**Potential Media Affect:** Well used for drinking water supply  
**Potential Contaminants of Concern:** Gasoline  
**Site History:** Currently operating service station. Former USTs removed documenting petroleum hydrocarbon contamination. Multiple water bearing zones
QUICK STOP MARKET (Continued)

impacted. Off-site impacts. Located within the McMinn Superfund area. Currently operating an ozone sparge system.

LUST REG 1:
Region: 1
Facility ID: 1TSR275
Staff Initials: WTE

SLIC:
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 1994-11-21 00:00:00
Global Id: SL0002013100
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4493942611909
Longitude: -122.699255886906
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 1NSR275
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
General Comments: Not reported

I25 INTERSTATE BRANDS CORPORATION
1840 SEBASTOPOL RD
SANTA ROSA, CA 95407
2042 ft. Site 2 of 2 in cluster I

Relative: CORTESE
Higher Facility County Code: 49
Actual Reg By: LTNKA
Reg Id: 1TSR168

HAZNET:
Gepaid: CAR000005454
Contact: INTERSTATE BRANDS CORPORATION
Telephone: 4155520950
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2709
Mailing City,St,Zip: POMONA, CA 917692709
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .5000
Facility County: Sonoma

Gepaid: CAR000005454
Contact: INTERSTATE BRANDS CORPORATION
INTERSTATE BRANDS CORPORATION (Continued)

Telephone: 4155520950
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2709
Mailing City,St,Zip: POMONA, CA 917692709
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: 3.6000
Facility County: Sonoma

Gepaid: CAC002377414
Contact: DAVID GRAURS ENVIRO ENGR
Telephone: 9095910451
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2709
Mailing City,St,Zip: POMONA, CA 917692709
Gen County: Not reported
TSD EPA ID: CAR000005454
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Recycler
Tons: 0.4
Facility County: Sonoma

Gepaid: CAL000218462
Contact: D GRAVES WEST DIV ENVIRON
Telephone: 3236604455
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2330 RIPPLE ST
Mailing City,St,Zip: LOS ANGELES, CA 900390000
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Unspecified oil-containing waste
Disposal Method: H141
Tons: 0.3
Facility County: Sonoma

Gepaid: CAR000005454
Contact: DAVID GRAURS ENVIRO ENGR
Telephone: 9095910451
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2709
Mailing City,St,Zip: POMONA, CA 917692709
Gen County: Not reported
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: Not reported
Facility County: Not reported
INTERSTATE BRANDS CORPORATION (Continued)

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

H26 ROSELAND PAINT CENTER NNE 1160 SEBASTOPOL ROAD
1/4-1/2 SANTA ROSA, CA 95407
0.392 mi.  Site 2 of 2 in cluster H
2071 ft.  Actual: 136 ft.

Relative: Higher

LUST:
- Region: STATE
- Global Id: T0609793188
- Latitude: 38.4259124
- Longitude: -122.7528596
- Case Type: LUST Cleanup Site
- Status: Completed - Case Closed
- Status Date: 2005-09-27 00:00:00
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Case Worker: Not reported
- Local Agency: SONOMA COUNTY
- RB Case Number: 1TSO272
- LOC Case Number: Not reported
- File Location: Regional Board
- Potential Media Affect: Soil
- Potential Contaminants of Concern: Stoddard solvent / Mineral Sprirts / Distillates
- Site History: Not reported

CA FID UST:
- Facility ID: 49001475
- Regulated By: UTKNA
- Regulated ID: 00023744
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 7075427124
- Mail To: Not reported
- Mailing Address: 1160 SEBASTOPOL RD
- Mailing Address 2: Not reported
- Mailing City,St,Zip: SANTA ROSA 95407
- Contact: Not reported
- Contact Phone: Not reported
- DUNs Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active

SLIC:
- Region: 1
- Facility ID: 1NSO272
- Staff Initials: WTE

SWEEPS UST:
- Status: A
- Comp Number: 23744
- Number: 9
- Board Of Equalization: Not reported
ROSELAND PAINT CENTER  (Continued)

Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: #1
Swrcb Tank Id: 49-060-023744-000001
Actv Date: 07-01-85
Capacity: 500
Tank Use: UNKNOWN
Stg: P
Content: Not reported
Number Of Tanks: 1

FRONTIER ELECTRIC
1599 HAMPTON WAY
SANTA ROSA, CA  95407

NNW  1/4-1/2
0.399 mi.
2106 ft.

Site 1 of 3 in cluster K

CORTESERegion: CORTESEReg Id: 1TSO082Facility County Code: 49Reg By: LTNKALatitude: 38.4297493Longitude: -122.7379609Global Id: T0609700055Status: Completed - Case ClosedStatus Date: 2007-02-20 00:00:00Lead Agency: NORTH COAST RWQCB (REGION 1)Case Worker: Not reported

SONOMA COUNTRYPotential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

STATERegion: STATEFacility ID: 00000065501Facility Type: OtherOther Type: ELECTRICTotal Tanks: 0002Contact Name: LARRY LEEPINTelephone: 7075461553Owner Name: MEL JOHNSONOwner Address: 1599 HAMPTON WAYOwner City,St,Zip: SANTA ROSA, CA 95407

Tank Num: 001
Container Num: #1
FRONTIER ELECTRIC (Continued)

Year Installed: 1970
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 10 gauge
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 10 gauge
Leak Detection: Visual, Stock Inventor

SWEEPS UST:
Status: A
Comp Number: 65501
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: #1
Swrcb Tank Id: 49-060-065501-000001
Actv Date: 07-01-85
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: 2

Status: A
Comp Number: 65501
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 49-060-065501-000002
Actv Date: 07-01-85
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

HAZNET:
Gepaid: CAL000162236
Contact: PAT SAMSON-OWNER
Telephone: 7075221680
Facility Addr2: Not reported
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**FRONTIER ELECTRIC (Continued)**

- **Mailing Name:** Not reported
- **Mailing Address:** PO BOX 7748
- **Mailing City, St, Zip:** SANTA ROSA, CA 9540700000
- **Gen County:** Sonoma
- **TSD EPA ID:** Not reported
- **TSD County:** Santa Clara
- **Waste Category:** Contaminated soil from site clean-ups
- **Disposal Method:** Transfer Station
- **Tons:** 0.04
- **Facility County:** Not reported

Gepaid: CAL000162236

**Contact:** PAT SAMSON-OWNER

**Telephone:** 7075221680

**Facility Addr2:** Not reported

**Mailing Name:** Not reported

**Mailing Address:** PO BOX 7748

**Mailing City, St, Zip:** SANTA ROSA, CA 9540700000

- **Gen County:** Sonoma
- **TSD EPA ID:** Not reported
- **TSD County:** Not reported
- **Waste Category:** Waste oil and mixed oil
- **Disposal Method:** H14
- **Tons:** 0.14
- **Facility County:** Sonoma

Gepaid: CAL000162236

**Contact:** PAT SAMSON-OWNER

**Telephone:** 7075221680

**Facility Addr2:** Not reported

**Mailing Name:** Not reported

**Mailing Address:** PO BOX 7748

**Mailing City, St, Zip:** SANTA ROSA, CA 9540700000

- **Gen County:** Sonoma
- **TSD EPA ID:** CAD980887418
- **TSD County:** Alameda
- **Waste Category:** Waste oil and mixed oil
- **Disposal Method:** H061
- **Tons:** 0.2
- **Facility County:** Sonoma

Gepaid: CAL000162236

**Contact:** PAT SAMSON-OWNER

**Telephone:** 7075221680

**Facility Addr2:** Not reported

**Mailing Name:** Not reported

**Mailing Address:** PO BOX 7748

**Mailing City, St, Zip:** SANTA ROSA, CA 9540700000

- **Gen County:** Sonoma
- **TSD EPA ID:** CAD980887418
- **TSD County:** Alameda
- **Waste Category:** Waste oil and mixed oil
- **Disposal Method:** H141
- **Tons:** 0.28
- **Facility County:** Sonoma

Gepaid: CAL000162236
FRONTIER ELECTRIC (Continued)

Contact: PAT SAMSON-OWNER
Telephone: 7075221680
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 7748
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: H141
Tons: 0.41
Facility County: Sonoma

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

L28 TRIPLE S TIRES
NNE SEBASTOPOL ROAD 1124
1/4-1/2 0.399 mi.
2107 ft. Site 1 of 2 in cluster L

Relative: CORTESE
Higher
Actual: 137 ft.

LUST:
Region: STATE
Global Id: T0609700364
Latitude: 38.4286543
Longitude: -122.7325167
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2007-12-24 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: Not reported
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO515
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Benzene, Toluene, Xylene, Diesel, Fuel Oxygenates, Gasoline
Site History: Former service station. Petroleum hydrocarbons impacting soil and groundwater. Extent of off-site contamination needs to be defined, but is stalled pending access agreements with neighboring property owner. Located within the McMinn Superfund area.
TRIPLE S TIRES (Continued)

Facility ID: 1TSO515
Staff Initials: WTE

HAZNET:
Gepaid: CAL000169730
Contact: JAVIER ZEJA
Telephone: 7075459567
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1124 SEBASTOPOL
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sonoma
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.2
Facility County: Sonoma

Gepaid: CAL000169730
Contact: JAVIER ZEJA
Telephone: 7075459567
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1124 SEBASTOPOL
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.08
Facility County: Not reported

Gepaid: CAL000017359
Contact: JAVIER CEJA/PARTNER
Telephone: 7075459567
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1124 SEBASTOPOL
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Other
Tons: .2500
Facility County: Sonoma
Site 2 of 4 in cluster J

Relative: Higher
Actual: 127 ft.

CERCLIS:
- Site ID: 0904535
- Federal Facility: Not a Federal Facility
- NPL Status: Not on the NPL
- Non NPL Status: Site Reassessment Ongoing

CERCLIS Site Contact Name(s):
- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 92711
- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 92700
- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 13002
- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 92700

Site Description: Not reported

CERCLIS Assessment History:
- Action: DISCOVERY
  - Date Started: Not reported
  - Date Completed: 6/22/1992 0:00:00
  - Priority Level: Not reported
- Action: PRELIMINARY ASSESSMENT
  - Date Started: Not reported
  - Date Completed: 7/28/1994 0:00:00
  - Priority Level: Higher priority for further assessment
- Action: SITE INSPECTION
  - Date Started: 9/15/1994 0:00:00
  - Date Completed: 9/27/1995 0:00:00
  - Priority Level: Higher priority for further assessment

HAZNET:
- Gepaid: CAL000081819
- Contact: MICHAEL J MARQUIS
- Telephone: 0000000000
- Facility Addr2: Not reported
- Mailing Name: Not reported
- Mailing Address: 1885 SEBASTOPOL RD
- Mailing City,St,Zip: SANTA ROSA, CA 954070000
- Gen County: Sonoma
- TSD EPA ID: CAT080012602
- TSD County: Solano
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</table>
ACME AUTO WRECKERS (Continued)

Gen County: Sonoma
TSD EPA ID: CAT080012602
TSD County: Solano
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Tons: .7506
Facility County: Sonoma

Click this hyperlink while viewing your computer to access
12 additional CA_HAZNET: record(s) in the EDR Site Report.

J30  ACME AUTO WRECKERS INC.  CA WDS  S100183332
NW  1885 SEBASTOPOL RD  NPDES  N/A
1/4-1/2  SANTA ROSA, CA  95407  HIST CORTESE  ENVIROSTOR
0.402 mi.  Site 3 of 4 in cluster J
2123 ft.  Relative: CA WDS:
Relative: Higher
 Facility ID: 1 49I003958
 Facility Type: Other - Does not fall into the category of Municipal/Domestic,
 Industrial, Agricultural or Solid Waste (Class I, II or III)
 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: 1
 Facility Telephone: Not reported
 Facility Contact: MICHAEL J. MARQUIS
 Agency Name: ACME AUTO WRECKERS
 Agency Address: 1885 SEBASTOPOL RD
 Agency City,St,Zip: SANTA ROSA 95407
 Agency Contact: MICHAEL J. MARQUIS
 Agency Telephone: Not reported
 Agency Type: Private
 SIC Code: 5015
 SIC Code 2: Not reported
 Primary Waste: Stormwater Runoff
 Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants
 or organic wastes and have little adverse impact on water quality.
 Such wastes could cause turbidity and siltation. Uncontaminated soils,
rubble and concrete are examples of this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The facility is not a POTW.
 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
NPDES:

Npdes Number: Not reported
Facility Status: Active
Agency Id: 696
Region: 1
Regulatory Measure Id: 178811
Order No: 97-03-DWQ
Regulatory Measure Type: Storm water industrial
Place Id: 204380
WDID: 1491003958
Program Type: INDSTW
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 4/3/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Marquis, Michael J
Discharge Address: 1885 Sebastopol Rd
Discharge City: Santa Rosa
Discharge State: CA
Discharge Zip: 95407

CORTES:

Region: CORTES
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SR126NUG

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49500002
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-09-27 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.4283223825126
Longitude: -122.739973645208
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED

dairy waste ponds.
ACME AUTO WRECKERS INC. (Continued)

Alias Name: 49500002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-02-09 00:00:00

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

J31 ACME AUTO WRECKERS INC. SLIC S105050900
NW 1885 SEBASTOPOL ROAD N/A
1/4-1/2 SANTA ROSA, CA 95407
0.402 mi.
2123 ft. Site 4 of 4 in cluster J

Relative: Higher
Actual: 127 ft.

Facility Status: Open - Site Assessment
Status Date: 2003-03-28 00:00:00
Global Id: T0609793206
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4281769447897
Longitude: -122.73996591568
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: SONOMA COUNTY
RB Case Number: 1NSR126
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
General Comments: Not reported

SLIC:
Region: 1
Facility ID: 1NSR126
Staff Initials: SKB

Status Date: 2003-03-28 00:00:00
<table>
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<tr>
<th>Site</th>
<th>Facility ID: 1TSO166</th>
<th>Region: LUST REG 1</th>
<th>Facility County Code: 49</th>
<th>Site History: Waste Oil / Motor / Hydraulic / Lubricating</th>
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<tbody>
<tr>
<td>Site 2 of 3 in cluster K</td>
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<td>Site History: Not reported</td>
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### K33

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<th>Facility ID: 1TSO166</th>
<th>Region: CORTESE</th>
<th>Facility County Code: 49</th>
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<tbody>
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<td>Site History: Not reported</td>
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### CA FID UST:

| Facility ID: 49000452 | Regulated By: LTNKA | Regulated ID: Not reported | Cortese Code: Not reported | SIC Code: Not reported | Facility Phone: Not reported |

### SONOMA COUNTY LUST:

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<tr>
<th>Region: SONOMA</th>
<th>Regional Board: 1TSO166</th>
<th>Closed or Referred: Referred</th>
<th>Date: 7/1/1992</th>
<th>LOP Number: 00002641</th>
<th>Funding Fed / State: Federal</th>
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### Lead Agency:

| Agency: NORTH COAST RWQCB (REGION 1) | Status: Completed - Case Closed |

### Local Agency:

| Agency: SONOMA COUNTY LOP | Status: Completed - Case Closed |

### Site History:

- Waste Oil / Motor / Hydraulic / Lubricating
- Well used for drinking water supply
- Not reported
### CHANG, KEVIN (Continued)

- **Mail To:** Not reported
- **Mailing Address:** 8141 REDWOOD BLVD
- **Mailing Address 2:** Not reported
- **Mailing City,St,Zip:** SANTA ROSA 95407
- **Contact:** Not reported
- **Contact Phone:** Not reported
- **DUNs Number:** Not reported
- **NPDES Number:** Not reported
- **EPA ID:** Not reported
- **Comments:** Not reported
- **Status:** Active

#### SWEEPS UST:
- **Status:** A
- **Comp Number:** 2641
- **Number:** 9
- **Board Of Equalization:** Not reported
- **Ref Date:** Not reported
- **Act Date:** 10-06-89
- **Created Date:** 03-31-89
- **Tank Status:** A
- **Owner Tank Id:** Not reported
- **Swrcb Tank Id:** 49-000-002641-000001
- **Actv Date:** 10-06-89
- **Capacity:** 1
- **Tank Use:** UNKNOWN
- **Stg:** P
- **Content:** UNKNOWN
- **Number Of Tanks:** 1

### Site Information:
- **Relative:** Higher
- **Relative Location:** Site 2 of 2 in cluster L
- **Actual:** 137 ft.
- **Region:** STATE
- **Facility Status:** Completed - Case Closed
- **Status Date:** 1994-07-13 00:00:00
- **Global Id:** T0609793273
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Lead Agency Case Number:** Not reported
- **Latitude:** 38.429582229
- **Longitude:** -122.731977
- **Case Type:** Cleanup Program Site
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1NSO516
- **File Location:** Regional Board
- **Potential Media Affected:** Soil
- **Potential Contaminants of Concern:** Stoddard solvent / Mineral Spirits / Distillates
- **General Comments:** Not reported

- **SLIC:** 1
- **Facility ID:** 1NSO516
### COTTAGE BAR (Continued)

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<th>Elevation</th>
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<th>Staff Initials:</th>
<th>Facility Closed</th>
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#### M35

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<th>TEXACO, BILLS</th>
<th>SANTA ROSA, CA</th>
<th>LUST</th>
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<td>SEBASTOPOL ROAD 1980</td>
<td>SANTA ROSA, CA</td>
<td>S101304983</td>
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<td>1/4-1/2</td>
<td>0.419 mi.</td>
<td>2213 ft.</td>
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<td>Region: 1</td>
<td>Facility ID: 1TSO056</td>
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#### M36

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<td>S103393019</td>
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<td>Facility Status: Completed - Case Closed</td>
<td>Status Date: 1999-07-20 00:00:00</td>
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<td>Longitude: -122.741775</td>
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<td>Potential Media Affected: Soil</td>
<td>Potential Contaminants of Concern: Diesel</td>
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<td>General Comments: Not reported</td>
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#### M37

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<th>BRUNSING ASSOCIATES, INC</th>
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<th>EMI</th>
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<td>1980 SEBASTOPOL ROAD</td>
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BRUNISING ASSOCIATES, INC (Continued)  S103065923

Region:  CORTESE
Facility County Code:  49
Reg By:  LTNKA
Reg Id:  1TSO056

LUST:
Region:  STATE
Global Id:  T0609700035
Latitude:  38.4267584
Longitude:  -122.740961
Case Type:  LUST Cleanup Site
Status:  Open - Remediation
Status Date:  2009-04-02 00:00:00
Lead Agency:  NORTH COAST RWQCB (REGION 1)
Case Worker:  Not reported
Local Agency:  SONOMA COUNTY
RB Case Number:  1TSO056
LOC Case Number:  Not reported
File Location:  Regional Board
Potential Media Affect:  Aquifer used for drinking water supply
Potential Contaminants of Concern:  Benzene, Toluene, Xylene, Fuel Oxygenates, Gasoline
Site History:  Former sevice station. Site is currently a vacant lot, pending redevelopment with a proposed Jiffy Lube. USTs removed. Soil and groundwater impacted with petroleum hydrocarbons. Extent of contamination is defined. Currently operating a dual phase extraction system.

EMI:
Year:  2007
County Code:  49
Air Basin:  SF
Facility ID:  16512
Air District Name:  BA
SIC Code:  1799
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:  .225
Reactive Organic Gases Tons/Yr:  .1599794
Carbon Monoxide Emissions Tons/Yr:  0
NOX - Oxides of Nitrogen Tons/Yr:  0
SOX - Oxides of Sulphur Tons/Yr:  0
Particulate Matter Tons/Yr:  0
Part. Matter 10 Micrometers & Smaller Tons/Yr:  0

TC2694606.2s  Page 50
BEVAN INVESTMENT (Continued)

Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO276NUG

LUST:
Region: STATE
Global Id: T0609700206
Latitude: 38.4299251304094
Longitude: -122.731651067734
Case Type: LUST Cleanup Site
Status: Open - Verification Monitoring
Status Date: 2008-03-30 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: Not reported
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO276
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: In June 1990, petroleum releases at the site were documented by soil sample collected during the removal of one gasoline and one diesel underground storage tanks. In November 1990, approximately 875 cubic yards of petroleum-impacted soil were excavated and removed from the site. The UST investigation is being managed under case # 1TSO276.

LUST REG 1:
Region: 1
Facility ID: 1TSO276
Staff Initials: WTE

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 2000-05-19 00:00:00
Global Id: SL0002014300
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4493942611909
Longitude: -122.699255886906
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 1NSR276
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
General Comments: Not reported
SLIC:
Region: 1
Facility ID: 1NSR291
Staff Initials: Facility Closed

HAZNET:
Gepaid: CAC002133793
Contact: KIN ONDERSON/MANAGER
Telephone: 7075457620
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1050 SEBASTOPOL
Mailing City,St,Zip: SANTA ROSA, CA 95407000
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sonoma
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.21
Facility County: Sonoma

This is a former fuel distribution facility which operated from the 1930s until the mid-1980s. The facility contained one underground gasoline storage tank, a fueling platform, and seven aboveground petroleum storage tanks. All the tanks at the site were removed in 1986. Investigative work documents a release of petroleum hydrocarbons to soil and groundwater. The site, which is located in a residential neighborhood, is currently undeveloped except for one warehouse and one 15,000-gallon above ground propane tank.
O40  OPTICAL COATING LABORATORY INC  SLIC  S105051108
NNE  977 SEBASTOPOL ROAD  N/A
1/4-1/2  SANTA ROSA, CA 95407
0.462 mi.  
2441 ft.  Site 1 of 5 in cluster O

Relative: Higher
Actual: 139 ft.

Facility Status: Completed - Case Closed
Sliding Region: STATE
Status Date: 1994-03-14 00:00:00
Global Id: T0609793282
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.429268
Longitude: -122.730928
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR225
File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Gasoline
General Comments: Not reported

CERCLIS-NFRAP Site Contact Name(s):

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<tr>
<th>Contact Title</th>
<th>Contact Name</th>
<th>Contact Tel</th>
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<tr>
<td></td>
<td>Carl Brickner</td>
<td>(415) 972-3814</td>
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<tr>
<td></td>
<td>Brunilda Davila</td>
<td>(415) 972-3162</td>
</tr>
<tr>
<td></td>
<td>Jeff Inglis</td>
<td>(415) 972-3095</td>
</tr>
<tr>
<td></td>
<td>Karen Jurist</td>
<td>(415) 972-3219</td>
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O41  OPTICAL CODING LABORATORIES, INC.  CERC-NFRAP  1003879822
NNE  970 SEBASTOPOL RD.  CAD983654385
1/4-1/2  SANTA ROSA, CA 95407
0.464 mi.  Site 2 of 5 in cluster O

Relative: Higher
Actual: 139 ft.

Sliding Region: STATE
Site ID: 0904748
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):

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<td>Carl Brickner</td>
<td>(415) 972-3814</td>
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<td>Brunilda Davila</td>
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<td>(415) 972-3095</td>
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<td></td>
<td>Karen Jurist</td>
<td>(415) 972-3219</td>
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<td></td>
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</table>
OPTICAL CODING LABORATORIES, INC. (Continued)

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096

CERCLIS-NFRA Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 12/11/1992
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/28/1994
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/28/1994
Priority Level: NFRAP: No further Remedial Action planned

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 09/28/1994
Priority Level: NFRAP: No further Remedial Action planned

P42 LAIDLAW TRANSPORTATION LUST S101304991
NNE SEBASTOPOL ROAD 959 N/A
1/4-1/2 SANTA ROSA, CA
0.467 mi. 1/4-1/2 SANTA ROSA, CA 95904
2467 ft. Site 1 of 5 in cluster P
Relative: LUST REG 1:
Higher Region: 1
Facility ID: 1TSO151
Actual Staff Initials: Closed
139 ft.

O43 LAIDLAW TRANSIT INC NPDES 1000189940
NNE 959 SEBASTOPOL RD HIST CORTESE N/A
1/4-1/2 SANTA ROSA, CA 95401 LUST
0.469 mi. SWEEPS UST
2479 ft. Site 3 of 5 in cluster O
Relative: NPDES:
Higher Npdes Number: Not reported
Facility Status: Active
Agency Id: 25345
Region: 1
Regulatory Measure Id: 178834
Order No: 97-03-DWQ
Regulatory Measure Type: Storm water industrial
Place Id: 202349
WDID: 1491006367
Program Type: INDSTW
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 4/24/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
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**LAIDLAW TRANSIT INC (Continued)**

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**CORTESE:**

- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** LTNKA
- **Reg Id:** 1TSO151

**LUST:**

- **Region:** STATE
- **Global Id:** T0609700119
- **Latitude:** 38.4259124
- **Longitude:** -122.7528596
- **Case Type:** LUST Cleanup Site
- **Status:** Completed - Case Closed
- **Status Date:** 1995-12-20 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** Not reported
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO151
- **LOC Case Number:** Not reported
- **File Location:** Not reported
- **Potential Media Affect:** Aquifer used for drinking water supply
- **Potential Contaminants of Concern:** Waste Oil / Motor / Hydraulic / Lubricating
- **Site History:** Not reported

**SWEEPS UST:**

- **Status:** Not reported
- **Comp Number:** 1459
- **Number:** Not reported
- **Board Of Equalization:** 44-010187
- **Ref Date:** Not reported
- **Act Date:** Not reported
- **Created Date:** Not reported
- **Tank Status:** Not reported
- **Owner Tank Id:** Not reported
- **Swrcb Tank Id:** 49-000-001459-000001
- **Actv Date:** Not reported
- **Capacity:** 10000
- **Tank Use:** M.V. FUEL
- **Stg:** PRODUCT
- **Content:** DIESEL
- **Number Of Tanks:** 2

**Status:** Not reported
- **Comp Number:** 1459
- **Number:** Not reported
- **Board Of Equalization:** 44-010187
- **Ref Date:** Not reported
- **Act Date:** Not reported
- **Created Date:** Not reported
- **Tank Status:** Not reported
### LAIDLAW TRANSIT INC (Continued)

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#### HAZNET:

- **Gepaid:** CAD982354508
- **Contact:** LAIDLAW INC
- **Telephone:** 9053361800
- **Facility Addr2:** Not reported
- **Mailing Name:** Not reported
- **Mailing Address:** 201 N CIVIC DR STE 150
- **Mailing City,St,Zip:** WALNUT CREEK, CA 945960000
- **Gen County:** Sonoma
- **TSD EPA ID:** CAD980887418
- **TSD County:** 1
- **Waste Category:** Waste oil and mixed oil
- **Disposal Method:** Recycler
- **Tons:** .2085
| Facility County: | Sonoma |
| Gepaid: | CAD982354508 |
| Contact: | LAIDLAW INC |
| Telephone: | 9053361800 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 201 N CIVIC DR STE 150 |
| Mailing City,St,Zip: | WALNUT CREEK, CA 945960000 |
| Gen County: | Sonoma |
| TSD EPA ID: | CAT000613943 |
| TSD County: | Sonoma |
| Waste Category: | Liquids with halogenated organic compounds > 1000 mg/l |
| Disposal Method: | Transfer Station |
| Tons: | .0667 |
| Facility County: | Sonoma |

| Facility County: | Sonoma |
| Gepaid: | CAD982354508 |
| Contact: | LAIDLAW INC |
| Telephone: | 9053361800 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 201 N CIVIC DR STE 150 |
| Mailing City,St,Zip: | WALNUT CREEK, CA 945960000 |
| Gen County: | Sonoma |
| TSD EPA ID: | CAT000613943 |
| TSD County: | Sonoma |
| Waste Category: | Hydrocarbon solvents (benzene, hexane, Stoddard, etc.) |
| Disposal Method: | Transfer Station |
| Tons: | .3876 |
| Facility County: | Sonoma |

| Facility County: | Sonoma |
| Gepaid: | CAD982354508 |
| Contact: | LAIDLAW INC |
| Telephone: | 9053361800 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 201 N CIVIC DR STE 150 |
| Mailing City,St,Zip: | WALNUT CREEK, CA 945960000 |
| Gen County: | Sonoma |
| TSD EPA ID: | CAD009452657 |
| TSD County: | San Mateo |
| Waste Category: | Liquids with halogenated organic compounds > 1000 mg/l |
| Disposal Method: | Recycler |
| Tons: | .4378 |
| Facility County: | Sonoma |

<p>| Facility County: | Sonoma |
| Gepaid: | CAL000017024 |
| Contact: | LAIDLAW TRANSIT |
| Telephone: | 0000000000 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 959 SEBASTOPOL ROAD |
| Mailing City,St,Zip: | SANTA ROSA, CA 954010000 |
| Gen County: | Los Angeles |
| TSD EPA ID: | CAD980887418 |
| TSD County: | 1 |</p>
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**LAI DLAW TRANSIT INC (Continued)**

- Waste Category: Aqueous solution with less than 10% total organic residues
- Disposal Method: Transfer Station
- Tons: .3544
- Facility County: Los Angeles

*Click this hyperlink while viewing on your computer to access* 31 additional CA_HAZNET: record(s) in the EDR Site Report.

---

### Site: STEINOCHER, DANIEL G & LI

- **Address:** 969 KENMORE
- **City, State ZIP:** SANTA ROSA, CA 95407

**HIST CORTESE**

- **Site ID:** S105026503
- **EPA ID Number:** N/A

**Region:** CORTESE

- **Facility County Code:** 18
- **Reg Id:** 6A189104N06

**Site 4 of 5 in cluster O**

**Relative:** Lower

**Actual:** 123 ft.

---

### Site: ROSELAND SCHOOL WELLS

- **Address:** 950 SEBASTOPOL ROAD
- **City, State ZIP:** SANTA ROSA, CA 95407

**CERC-NFRAP**

- **Site ID:** 0904756
- **EPA ID Number:** CAD983649625

**Federal Facility:** Not a Federal Facility

**Non NPL Status:** Removal Only Site (No Site Assessment Work Needed)

**CERCLIS-NFRAP Site Contact Name(s):**

- **Contact Title:** Not reported
- **Contact Name:** Steven Arbaugh
- **Contact Tel:** Not reported

- **Contact Title:** Not reported
- **Contact Name:** Carl Brickner
- **Contact Tel:** (415) 972-3814

- **Contact Title:** Not reported
- **Contact Name:** Brunilda Davila
- **Contact Tel:** (415) 972-3162

- **Contact Title:** Not reported
- **Contact Name:** Jim Hanson
- **Contact Tel:** Not reported

- **Contact Title:** Not reported
- **Contact Name:** Jeff Inglis
ROSELAND SCHOOL WELLS (Continued) 1003879826

Contact Tel: (415) 972-3095
Contact Title: Not reported
Contact Name: Karen Jurist
Contact Tel: (415) 972-3219

Contact Title: Not reported
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096

Contact Title: Not reported
Contact Name: Jeannie Wong
Contact Tel: (415) 972-3079

CERCLIS-NFRAP Assessment History:

Action: AM
Date Started: Not reported
Date Completed: 11/16/1992
Priority Level: Not reported

Action: REMOVAL
Date Started: 01/15/1993
Date Completed: 01/18/1993
Priority Level: Stabilized

Action: ADMINISTRATIVE RECORDS
Date Started: 03/10/1993
Date Completed: 03/10/1993
Priority Level: Admin Record Compiled for a Removal Event

Action: OR
Date Started: Not reported
Date Completed: 08/01/1993
Priority Level: Not reported

Action: DD
Date Started: Not reported
Date Completed: 08/13/1993
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 01/23/1996
Priority Level: Not reported
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**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Site Screening
- **Completed Date:** 1988-04-21 00:00:00

**Future Info:**
- **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
ULTRAMAR INC 3489 (Continued)

Facility County Code: 49
Reg By: WBC&D
Reg Id: 181SO269NUG

LUST:
Region: STATE
Global Id: T0609700201
Latitude: 38.429863983
Longitude: -122.7300906
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 2009-06-02 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: Not reported
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO269
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: One of three sites in a formal commingled plume account. See Sebastopol Road Commingled Plume Group.

SLIC:
Region: STATE
Facility Status: Open - Remediation
Status Date: 2009-06-02 00:00:00
Global Id: SL0002012200
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4493942611909
Longitude: -122.69925586906
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 1NSO269
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
General Comments: Not reported

HAZNET:
Gepaid: CAL000100045
Contact: ULTRAMAR INC
Telephone: 2095820241
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 525 W 3RD ST
Mailing City,St,Zip: HANFORD, CA 932305016
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .2502
Facility County: Santa Clara
ULTRAMAR INC 3489 (Continued)  

Gepaid: CAL000100045  
Contact: DENNIS SMITH O & E SPECIALIST  
Telephone: 5595833398  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 685 W THIRD ST  
Mailing City,St,Zip: HANFORD, CA 932305016  
Gen County: Sonoma  
TSD EPA ID: Not reported  
TSD County: San Bernardino  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: 0.68  
Facility County: Not reported  

Gepaid: CAL000100045  
Contact: DENNIS SMITH O & E SPECIALIST  
Telephone: 5595833398  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 685 W THIRD ST  
Mailing City,St,Zip: HANFORD, CA 932305016  
Gen County: Sonoma  
TSD EPA ID: Not reported  
TSD County: San Bernardino  
Waste Category: Other organic solids  
Disposal Method: Transfer Station  
Tons: Not reported
ULTRAMAR INC 3489 (Continued)

Tons: 0.13
Facility County: Not reported

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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<th>BP / REDWOOD OIL #110</th>
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LUST:
Region: STATE
Global Id: T0609700191
Latitude: 38.429593248
Longitude: -122.7287026
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2009-06-02 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: Not reported
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO254
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: One of three sites in a formal commingled plume account. See Sebastopol Road Commingled Plume Group.

LUST REG 1:
Region: 1
BP / REDWOOD OIL #110 (Continued)  S101304990

Facility ID: 1TSO254
Staff Initials: WTE

SLIC:
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 2009-06-02 00:00:00
Global Id: SL609792528
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4493942611909
Longitude: -122.699255886906
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 1NSO254
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
General Comments: Not reported

EMI:
Year: 2002
County Code: 49
Air Basin: SF
Facility ID: 12613
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: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
County Code: 49
Air Basin: SF
Facility ID: 12613
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: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0
BP / REDWOOD OIL #110 (Continued)

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BP / REDWOOD OIL #110 (Continued)

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: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

P50 SEBASTOPAL B.P. Not reported S100179311
NNE 760 SEBASTOPAL Notify 65 N/A
1/4-1/2 SANTA ROSA, CA 93582
0.485 mi. N/A
2562 ft. Site 5 of 5 in cluster P
Relative:
Higher: Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Actual: Board File Number: Not reported
140 ft. Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

51 MURRILL, AMES HIST CORTESE S102434083
NNE ROSELAND AVENUE 439 LUST N/A
1/4-1/2 SANTA ROSA, CA
0.494 mi. N/A
2606 ft.
Relative:
CORTESE:
Higher: Region: CORTESE
Facility County Code: 49
Actual: Reg By: LTNKA
139 ft. Reg Id: 1TSO099

LUST:
Region: STATE
Global Id: T06097000072
Latitude: 38.4308816
Longitude: -122.7326465
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1988-12-20 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: Not reported
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO099
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported
MURRILL, AMES (Continued)

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52
EXCHANGE BANK DATA CENTER
330 SEBASTOPAL
1/2-1
0.521 mi.
2750 ft.
Relative: Notify 65: Higher
Actual: 141 ft.

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Notify 65

53
OPTICAL COATING LABORATORY INC
STORMDRAIN @ NORTHPOINT
1/2-1
0.633 mi.
3343 ft.
Relative: Notify 65: Lower
Actual: 112 ft.

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Notify 65

54
REDWOOD CHEMICAL
2450 STONEY POINT ROAD
1/2-1
0.706 mi.
3737 ft.
Relative: ENVIROSTOR: Lower
Actual: 113 ft.

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<th>Regulatory Agencies:</th>
<th>Lead Agency:</th>
<th>Program Manager:</th>
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REDWOOD CHEMICAL (Continued)

Status: Refer: Local Agency
Status Date: 2008-03-25 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: EPA Grant
Latitude: 38.4138860937047
Longitude: -122.73792821964
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49280008
Alias Type: Envirostor ID Number
Alias Name: BUDS MANUFACTURING COMPANY
Alias Type: Alternate Name

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-25 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 2008-03-25 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-02-23 00:00:00

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
MEADOW VIEW ELEMENTARY SCHOOL EXTENSION (Continued)

Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: NEAL HUTCHISON
Supervisor: Mark Malinowski
Division Branch: Sacramento
Site Code: 204232
Assembly: 06, 07
Senate: 02, 03
Special Program Status: Not reported
Status: Active
Status Date: 2009-04-08 00:00:00
Restricted Use: NO
Funding: School District
Latitude: 38.41306
Longitude: -122.73029
APN: Not reported
Past Use: Not reported
Potential COC: Not reported
Confirmed COC: Not reported
Potential Description: Not reported
Alias Name: 204232
Alias Type: Project Code (Site Code)
Alias Name: 60001076
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 2009-05-18 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 2009-05-15 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 2009-10-08 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 2009-05-08 00:00:00

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 2010-06-30 00:00:00
Schedule Revised Date: Not reported

ENVIROSTOR:
MEADOW VIEW ELEMENTARY SCHOOL EXTENSION (Continued)

Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: NEAL HUTCHISON
Supervisor: Mark Malinowski
Division Branch: Sacramento
Facility ID: 60001076
Site Code: 204232
Assembly: 06, 07
Senate: 02, 03
Special Program: Not reported
Status: Active
Status Date: 2009-04-08 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 38.41306
Longitude: -122.73029
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC: 31001, 30001, 30003, 30004, 30006, 30007, 30008, 30010, 30013, 30023, 30024, 30025
Confirmed COC: 30001-NO,30003-NO,30004-NO,30006-NO,30007-NO,30008-NO,30010-NO,30013-NO,30024-NO,30025-NO,31001,30023-NO,30013-NO
Potential Description: SOIL
Alias Name: 204232
Alias Type: Project Code (Site Code)
Alias Name: 60001076
Alias Type: Envirostor ID Number
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#### MEADOW VIEW ELEMENTARY SCHOOL EXTENSION (Continued)

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**56**

**FOUCHE BROS**

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**SE**

**2290 DUTTON AVENUE**

**SANTA ROSA, CA  95401**

**0.763 mi.**

**4027 ft.**

**Relative:**

- **Higher**

**Actual:**

- **133 ft.**

**ENVIROSTOR:**

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FOUCHE BROS (Continued)

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Q57  YELLOW ROADWAY FREIGHT  Notify 65  U000067711
NE  270 DUTTON AVENUE  N/A
1/2-1  SANTA ROSA, CA  95407
0.781 mi.  Site 1 of 5 in cluster Q
4125 ft.  Notify 65:

Relative: Higher

Date Reported: 19930126
Staff Initials: SAW
Board File Number: 0TZ930000
Facility Type: UNKNOWN
Discharge Date: Not reported
Incident Description: 95407-6805A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TERTRACHLORIDE & CHLOROFORM

Date Reported: 19930126
Staff Initials: SAW
Board File Number: 0TZ930000
Facility Type: UNKNOWN
Discharge Date: Not reported
Incident Description: 95407-6805A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TERTRACHLORIDE & CHLOROFORM

Q58  SHELL (DUTTON)  Notify 65  S101304919
NE  DUTTON AVENUE 255  EMI
1/2-1  SANTA ROSA, CA
0.783 mi.  Site 2 of 5 in cluster Q
4135 ft.  Notify 65:

Relative: Higher

Corteze:
Region: Corteze
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO079NUG

Region: Corteze
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO079

LUST:
Region: STATE
Global Id: T0609700053
Latitude: 38.432535492
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<td>LUST Cleanup Site</td>
</tr>
<tr>
<td>Status</td>
<td>Open - Remediation</td>
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<td>Status Date</td>
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<tr>
<td>Case Worker</td>
<td>Not reported</td>
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<tr>
<td>Local Agency</td>
<td>SONOMA COUNTY</td>
</tr>
<tr>
<td>RB Case Number</td>
<td>1TSO079</td>
</tr>
<tr>
<td>LOC Case Number</td>
<td>Not reported</td>
</tr>
<tr>
<td>Site History</td>
<td>The Shell-branded service station and former DZ, Inc. petroleum fuel bulk plant, located at 255 and 257 Dutton Avenue, respectively, are sited in a commercial section of southwest Santa Rosa, California. The Shell station has been in operation since the early 1960s. The DZ site is a former Shell bulk plant, originally operated by Shell in the 1960s and sold in 1974 to DZ, Inc. The two adjacent properties are managed as one commingled plume site per a 2003 agreement between the responsible parties, and are currently enrolled in the California Underground Storage Tank Cleanup Fund.</td>
</tr>
<tr>
<td>Potential Media Affect</td>
<td>Aquifer used for drinking water supply, Well used for drinking water supply</td>
</tr>
<tr>
<td>Potential Contaminants of Concern</td>
<td>Gasoline</td>
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<tr>
<td>Site Location</td>
<td>Regional Board</td>
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### LUST REG 1:

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<td>Facility ID</td>
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<td>WTE</td>
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### SLIC:

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<td>Local Agency</td>
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<td>File Location</td>
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<td>Potential Media Affected</td>
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<td>Potential Contaminants Of Concern</td>
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### Notify 65:

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<td>Facility Type</td>
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<td>Discharge Date</td>
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### EMI:

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<td>BAY AREA AQMD</td>
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<td>Community Health Air Pollution Info System:</td>
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<td>Consolidated Emission Reporting Rule:</td>
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<tr>
<td>Reactive Organic Gases Tons/Yr:</td>
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<td>Carbon Monoxide Emissions Tons/Yr:</td>
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<tr>
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<td>0</td>
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<tr>
<td>SOX - Oxides of Sulphur Tons/Yr:</td>
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<tr>
<td>Particulate Matter Tons/Yr:</td>
<td>0</td>
</tr>
<tr>
<td>Part. Matter 10 Micrometers &amp; Smllr Tons/Yr:</td>
<td>0</td>
</tr>
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#### CONTAMINATION WITH CARBON TETRACHLORIDE.

**Incident Description:**
Not reported
**Discharge Date:**
UNKNOWN
**Facility Type:**
Not reported
**Board File Number:**
Not reported
**Staff Initials:**
Not reported
**Date Reported:**
19930616
**Notify 65:**
1B1SO268NSL
**Reg Id:**
WBC&D
**Reg By:**
CORTESER
**Region:**
CORTESER
**Facility County Code:**
49

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### BAY AREA AQMD (AQMD)

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<td>1/2-1</td>
<td>SANTA ROSA, CA  95407</td>
</tr>
<tr>
<td></td>
<td>0.785 mi.</td>
<td>4144 ft.</td>
<td>Site 3 of 5 in cluster Q</td>
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<td>4144 ft.</td>
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<td></td>
<td>0.785 mi.</td>
<td>4144 ft.</td>
<td>Site 4 of 5 in cluster Q</td>
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<td>SANTA ROSA, CA  93582</td>
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<td></td>
<td>0.785 mi.</td>
<td>4146 ft.</td>
<td>Site 4 of 5 in cluster Q</td>
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<tr>
<th>Q60</th>
<th>DZ INC</th>
<th>HIST CORTESE</th>
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<tr>
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<td>SANTA ROSA, CA  93582</td>
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<td>0.785 mi.</td>
<td>4146 ft.</td>
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<td>4146 ft.</td>
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<td>SANTA ROSA, CA  93582</td>
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<td></td>
<td>0.785 mi.</td>
<td>4146 ft.</td>
<td>Site 4 of 5 in cluster Q</td>
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**Notify 65:**
Not reported
**Staff Initials:**
Not reported
**Board File Number:**
Not reported
**Facility Type:**
Not reported
**Discharge Date:**
Not reported
**Incident Description:**
Not reported
**Q61 SHELL OIL WHOLESALE PLANT**

**NE**

**257 DUTTON**

**SANTA ROSA, CA 95407**

**0.785 mi.**

**4146 ft.**

**Site 5 of 5 in cluster Q**

**MAP FINDINGS**

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**Relative:**

**Higher**

**Actual:**

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<td>Program Manager: Not reported</td>
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<td>Supervisor: Referred - Not Assigned</td>
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<td>Division Branch: Berkeley</td>
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<tr>
<td>Facility ID: 49510002</td>
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<td>Site Code: Not reported</td>
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<tr>
<td>Assembly: 07</td>
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<tr>
<td>Senate: 02</td>
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<tr>
<td>Status: Refer: RWQCB</td>
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<td>Status Date: 1993-09-27 00:00:00</td>
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<tr>
<td>Alias Name: 49510002</td>
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<tr>
<td>Alias Type: Envirostor ID Number</td>
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| Completed Document Type: Site Screening |
| Completed Date: 1988-05-13 00:00:00 |

| Completed Area Name: PROJECT WIDE |
| Completed Sub Area Name: Not reported |
| Completed Document Type: * Discovery |
| Completed Date: 1988-04-20 00:00:00 |

| 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 |

**Completed Info:**

- Envirostor ID Number: 49510002
- Alias Name: 49510002

**Future Due Date:** Not reported
### Map Findings

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<td>ENE</td>
<td>0.835 mi.</td>
<td>4406 ft.</td>
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#### DZ INC, SHELL BULK PLANT
- **Notify 65:** 93582
- **EMI:** S100179624
- **County Code:** 49
- **SIC Code:** 5171
- **Air District Name:** BAY AREA AQMD
- **Year:** 1987
- **Community Health Air Pollution Info System:** Not reported
- **Consolidated Emission Reporting Rule:** Not reported
- **Total Organic Hydrocarbon Gases Tons/yr:** 2
- **Reactive Organic Gases Tons/yr:** 2
- **Carbon Monoxide Emissions Tons/yr:** 0
- **NOX - Oxides of Nitrogen Tons/yr:** 0
- **SOX - Oxides of Sulphur Tons/yr:** 0
- **Particulate Matter Tons/yr:** 0
- **Part. Matter 10 Micrometers & Smaller Tons/yr:** 0
- **Year:** 1990

#### ENVIROSTOR
- **Notify 65:** 95407
- **EMI:** N/A
- **County Code:** 49
- **SIC Code:** 5171
- **Air District Name:** BAY AREA AQMD
- **Year:** 1990

#### SANTA ROSA CIRCUITS
- **Notify 65:** 95407
- **EMI:** 1000395378
- **County Code:** 49
- **SIC Code:** 5171
- **Air District Name:** BAY AREA AQMD
- **Year:** 1990
SANTA ROSA CIRCUITS (Continued)

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: VIRGINIA LASKY
Supervisor: Karen Toth
Division Branch: Berkeley
Facility ID: 49360001
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: EPA - PASI
Status: Refer: RWQCB
Status Date: 2008-03-25 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: EPA Grant
Latitude: 38.42629
Longitude: -122.72202
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: 20011
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49360001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1987-03-18 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 2008-03-25 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1987-03-18 00:00:00

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
### MAP FINDINGS

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<td>ENE</td>
<td>1/2-1</td>
<td>0.865 mi.</td>
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<td>4567 ft.</td>
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- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

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- **Site Type**: Evaluation
- **Site Type Detailed**: Evaluation
- **Acres**: Not reported
- **NPL**: NO
- **Regulatory Agencies**: NONE SPECIFIED
- **Lead Agency**: NONE SPECIFIED
- **Program Manager**: Not reported
- **Supervisor**: Barbara Cook
- **Division Branch**: Berkeley
- **Facility ID**: 49340003
- **Site Code**: Not reported
- **Assembly**: 07
- **Senate**: 02
- **Special Program**: * Rural County Survey Program
- **Status**: No Further Action
- **Status Date**: 2000-01-07 00:00:00
- **Restricted Use**: NO
- **Site Mgmt. Req.**: NONE SPECIFIED
- **Funding**: Not reported
- **Latitude**: 38.426283140843
- **Longitude**: -122.719472579355
- **APN**: NONE SPECIFIED
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- **Alias Name**: 49340003
- **Alias Type**: Envirosstor ID Number

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- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
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- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

- **Future Area Name**: Not reported
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- **Future Document Type**: Not reported
- **Future Due Date**: Not reported

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- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

- **Future Area Name**: Not reported
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- **Future Document Type**: Not reported
- **Future Due Date**: Not reported

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

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

#### Completed Info:
- **Completed Area Name**: PROJECT WIDE
- **Completed Sub Area Name**: Not reported
- **Completed Document Type**: Site Screening
- **Completed Date**: 1988-05-13 00:00:00

- **Future Area Name**: Not reported
- **Future Sub Area Name**: Not reported
- **Future Document Type**: Not reported
- **Future Due Date**: Not reported
CERCLIS Site Contact Name(s):
- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 92711

- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 92700

- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 13002

- Contact Name: Not reported
- Contact Tel: Not reported
- Contact Title: 92700

Site Description: OCA PER SS PRIORITIZATION DATED 12/96: CHANGE 8/04: NCRWQCB LEAD

CERCLIS Assessment History:
- Action: DISCOVERY
  - Date Started: Not reported
  - Date Completed: 8/1/1980 0:00:00
  - Priority Level: Not reported

- Action: PRELIMINARY ASSESSMENT
  - Date Started: Not reported
  - Date Completed: 9/1/1987 0:00:00
  - Priority Level: Low priority for further assessment

- Action: SITE INSPECTION
  - Date Started: Not reported
  - Date Completed: 6/17/1991 0:00:00
  - Priority Level: Higher priority for further assessment

RCRA-SQG:
- Date form received by agency: 09/01/1996
- Facility name: C & D BATTERIES DIV OF ELTRA CORP
- Facility address: 265 ROBERTS AVE
  SANTA ROSA, CA 95401
- EPA ID: CAD041651027
- Mailing address: P.O. BOX 999
  SANTA ROSA, CA 95402
- Contact: Not reported
- Contact address: Not reported
ELTRA CORP C & D BATTERIES DIV (Continued) 1000109846

Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
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: ELTRA CORPORATION
Owner/operator address: P.O. BOX 1013R
CITY NOT REPORTED, NJ 99999
Owner/operator country: Not reported
Owner/operator telephone: (201) 455-3441
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARKET WHOLESALE GROCERY COMPANY
Owner/operator address: 3440 MENDOCINO AVENUE
SANTA ROSA, CA 95401
Owner/operator country: Not reported
Owner/operator telephone: (707) 526-3350
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 08/14/1980
Facility name: C & D BATTERIES DIV OF ELTRA CORP
Classification: Large Quantity Generator
ELTRA CORP C & D BATTERIES DIV (Continued)

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/13/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:
Registry ID: 110002644309

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.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

HAZNET:
Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROcery COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Disposal, Other
Tons: .4587
Facility County: Sonoma

Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Other
### ELTRA CORP C & D BATTERIES DIV (Continued)

**Tons:** .0075  
**Facility County:** Sonoma  
**Gepaid:** CAD041651027  
**Contact:** MARKET WHOLESALE GROCERY COMPA  
**Telephone:** 7075263350  
**Facility Addr2:** Not reported  
**Mailing Name:** Not reported  
**Mailing Address:** P.O. BOX 999  
**Mailing City,St,Zip:** SANTA ROSA, CA 945020000  
**Gen County:** Sonoma  
**TSD EPA ID:** CAD059494310  
**TSD County:** Santa Clara  
**Waste Category:** Not reported  
**Disposal Method:** Disposal, Other  
**Tons:** .0000  
**Facility County:** Sonoma  

#### ENVIROSTOR:

**Site Type:** Historical  
**Site Type Detailed:** * Historical  
**Acres:** Not reported  
**NPL:** NO  
**Regulatory Agencies:** NONE SPECIFIED  
**Lead Agency:** NONE SPECIFIED  
**Program Manager:** Not reported  
**Supervisor:** Referred - Not Assigned  
**Division Branch:** Berkeley  
**Facility ID:** 49360004  
**Site Code:** Not reported  
**Assembly:** 07  
**Senate:** 02  
**Special Program:** * Rural County Survey Program  
**Status:** Refer: RWQCB  
**Status Date:** 1993-09-27 00:00:00  
**Restricted Use:** NO  
**Site Mgmt. Req.:** NONE SPECIFIED  
**Funding:** Not reported  
**Latitude:** 38.4325954660916  
**Longitude:** -122.732387056039  
**APN:** NONE SPECIFIED  
**Past Use:** NONE SPECIFIED  
**Potential COC:** 10193  
**Confirmed COC:** NONE SPECIFIED  
**Potential Description:** NONE SPECIFIED  
**Alias Name:** CAD041651027  
**Alias Type:** EPA Identification Number  
**Alias Name:** ELTRA CORP & C & D BATTERIES DIV  
**Alias Type:** Alternate Name  
**Alias Name:** 49360004  
**Alias Type:** Envirostor ID Number  

#### Completed Info:

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Site Screening  
**Completed Date:** 1988-04-22 00:00:00
ELTRA CORP C & D BATTERIES DIV (Continued) 1000109846

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1985-01-01 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: De-Certification
Completed Date: 1993-09-27 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 1985-01-01 00:00:00

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

---

66 ANGIE KENDALL Notify 65 S100179177
WSW 2611 GIFFEN AVENUE N/A
1/2-1 SANTA ROSA, CA 93582
0.919 mi. 4854 ft.

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

---

67 FORMER POINT ST. GEORGE FISHERIES VCP S107027328
NE 8 SEBASTOPOL ROAD ENVIROSTOR N/A
1/2-1 SANTA ROSA, CA 95407
0.925 mi. 4886 ft.

VCP:
Facility ID: 49200002
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: Not reported
Acres: Not reported
FORMER POINT ST. GEORGE FISHERIES (Continued)

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Lead Agency Description: Not reported
Project Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: Berkeley
Site Code: 201368
Assembly: 07
Senate: 02
Special Programs Code: Voluntary Cleanup Program
Status: Refer: RWQCB
Status Date: 2003-01-31 00:00:00
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 38.4315611111111 / -122.7213027777778
APN: Not reported
Past Use: Not reported
Potential COC: Not reported
Confirmed COC: Not reported
Potential Description: Not reported
Alias Name: 49200002
Alias Type: Envirositor ID Number
Alias Name: 110033614603
Alias Type: EPA (FRS #)
Alias Name: POINT ST. GEORGE FISHERIES
Alias Type: Alternate Name
Alias Name: 201368
Alias Type: Project Code (Site Code)

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-25 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 2003-01-09 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 2001-02-23 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-02-23 00:00:00

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
FORMER POINT ST. GEORGE FISHERIES (Continued)

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Program Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: Berkeley
Facility ID: 49200002
Site Code: 201368
Assembly: 07
Senate: 02
Special Program: Voluntary Cleanup Program
Status: Refer: RWQCB
Status Date: 2003-01-31 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 38.431561111111
Longitude: -122.721302777778
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER
Potential COC: 30025, 30195
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49200002
Alias Type: Envirostor ID Number
Alias Name: 110033614603
Alias Type: EPA (FRS #)
Alias Name: POINT ST. GEORGE FISHERIES
Alias Type: Alternate Name
Alias Name: 201368
Alias Type: Project Code (Site Code)

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-25 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 2003-01-09 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 2001-02-23 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
FORMER POINT ST. GEORGE FISHERIES (Continued)

Completed Document Type: * Discovery
Completed Date: 1988-02-23 00:00:00

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

R68  NE  116 HOLBROOK STREET
1/2-1  SANTA ROSA, CA  95401
0.927 mi.  4894 ft.

Site 2 of 3 in cluster R

Relative:  Higher
Actual:  152 ft.

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49500015
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.43277777777778
Longitude: -122.72277777777778
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49500015
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
MC GOWEN AUTO WRECKERS (Continued)

Completed Date: 1988-04-07 00:00:00
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

R69 SQUARE DEAL AUTO WRECKING
NE 214 ROBERT AVENUE
1/2-1 SANTA ROSA, CA 95401
0.928 mi. 4901 ft. Site 3 of 3 in cluster R

Relative: ENVIROSTOR:
Higher Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49500005
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.4327777777778
Longitude: -122.7225
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49500005
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-03-04 00:00:00
SQUARE DEAL AUTO WRECKING (Continued) S101482590

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

S70 RESIDENCE Notify 65 S100453866
East 1267 CORBY AVE N/A
1/2-1 SANTA ROSA, CA 95407
0.936 mi. Site 1 of 3 in cluster S
4945 ft. Notify 65:
Relative: Date Reported: Not reported
Higher Staff Initials: Not reported
Actual: Board File Number: Not reported
149 ft. Facility Type: Not reported
Relative: Date Reported: 19920729
Higher Staff Initials: crj
Actual: Board File Number: 0TZ920002
149 ft. Facility Type: misc
Discharge Date: Not reported
Incident Description: 95407-6112 Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

S71 RESIDENCE Notify 65 S100453829
East 1267 CORBY AVE N/A
1/2-1 SANTA ROSA, CA 95407
0.936 mi. Site 2 of 3 in cluster S
4945 ft. Notify 65:
Relative: Date Reported: 19920729
Higher Staff Initials: crj
Actual: Board File Number: 0TZ920002
149 ft. Facility Type: misc
Discharge Date: Not reported
Incident Description: 95407-6112 Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

S72 RESIDENCE Notify 65 S100562408
East 1267 CORBY AVE N/A
1/2-1 SANTA ROSA, CA 95407
0.936 mi. Site 3 of 3 in cluster S
4945 ft. Notify 65:
Relative: Date Reported: 19920729
Higher Staff Initials: crj
Actual: Board File Number: 0TZ920002
149 ft. Facility Type: misc
Discharge Date: Not reported
Incident Description: 95407-6112 Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.
<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>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>T73</td>
<td>NE</td>
<td>1/2-1</td>
<td>0.954 mi.</td>
<td>Site 1 of 2 in cluster T</td>
<td>5038 ft.</td>
<td>Site 1 of 2 in cluster T</td>
<td>S101482599</td>
</tr>
</tbody>
</table>

**Site Details:**
- **Site Name:** WESTERN AUTO WRECKERS
- **Address:** 112 3RD, SANTA ROSA, CA 95401
- **Site Type:** Historical
- **Site Type Detailed:** Historical
- **Acres:** Not reported
- **NPL:** NO
- **Regulatory Agencies:** NONE SPECIFIED
- **Lead Agency:** NONE SPECIFIED
- **Program Manager:** Not reported
- **Supervisor:** Referred - Not Assigned
- **Division Branch:** Berkeley
- **Facility ID:** 49500028
- **Site Code:** Not reported
- **Assembly:** 07
- **Senate:** 02
- **Special Program:** * Rural County Survey Program
- **Status:** Refer: RWQCB
- **Status Date:** 1993-10-08 00:00:00
- **Restricted Use:** NO
- **Site Mgmt. Req.:** NONE SPECIFIED
- **Funding:** Not reported
- **Latitude:** 38.4343131486186
- **Longitude:** -122.724451855489
- **APN:** NONE SPECIFIED
- **Past Use:** NONE SPECIFIED
- **Potential COC:** NONE SPECIFIED
- **Confirmed COC:** NONE SPECIFIED
- **Potential Description:** NONE SPECIFIED
- **Alias Name:** 49500028
- **Alias Type:** Envirostor ID Number

**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Site Screening
- **Completed Date:** 1988-05-18 00:00:00
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** * Discovery
- **Completed Date:** 1988-05-12 00:00:00

**Future Info:**
- **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
T74 CITY OF SANTA ROSA PUBLIC WORKS ENVIRONMENTAL DATABASE
NE 130 WEST THIRD STREET SANTA ROSA, CA 95401
1/2-1 0.965 mi.
5093 ft. Site 2 of 2 in cluster T

Relative: Higher
Actual: 152 ft.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49160001
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: Other Agency
Status Date: 1994-06-07 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.4347222222222
Longitude: -122.723888888889
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49160001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-02-18 00:00:00

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

EPA ID Number Database(s) Site Elevation
S101482548 N/A 5093 ft.
<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>75</td>
<td>SE</td>
<td>0.969 mi.</td>
<td>5119 ft.</td>
<td>GREG'S AUTOMOTIVE DUTTON 1/2-1 SANTA ROSA, CA 93582</td>
<td>Notify 65</td>
<td>S100179294 N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Relative: Notify 65:
- Date Reported: Not reported
- Staff Initials: Not reported

Higher
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Incident Description: 93582
<table>
<thead>
<tr>
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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.

| Date of Government Version: 11/01/2009 | Source: EPA |
| Date Data Arrived at EDR: 11/13/2009 | Telephone: N/A |
| Date Made Active in Reports: 01/11/2010 | Last EDR Contact: 01/14/2010 |
| Number of Days to Update: 59 | Next Scheduled EDR Contact: 04/26/2010 |

NPL Site Boundaries

Sources:

- EPA's Environmental Photographic Interpretation Center (EPIC)
  Telephone: 202-564-7333
- EPA Region 1
  Telephone 617-918-1143
- EPA Region 2
  Telephone 215-814-5418
- EPA Region 3
  Telephone 404-562-8033
- EPA Region 4
  Telephone 312-886-6686
- EPA Region 5
  Telephone 206-553-8665
- EPA Region 6
  Telephone 214-655-6659
- EPA Region 7
  Telephone 913-551-7247
- EPA Region 8
  Telephone 303-312-6774
- EPA Region 9
  Telephone 415-947-4246

**Proposed NPL:** Proposed National Priority List Sites

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

| Date of Government Version: 11/01/2009 | Source: EPA |
| Date Data Arrived at EDR: 11/13/2009 | Telephone: N/A |
| Date Made Active in Reports: 01/11/2010 | Last EDR Contact: 01/14/2010 |
| Number of Days to Update: 59 | Next Scheduled EDR Contact: 04/26/2010 |

**NPL LIENS:** Federal Superfund Liens

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

| Date of Government Version: 10/15/1991 | Source: EPA |
| Date Data Arrived at EDR: 02/02/1994 | Telephone: 202-564-4267 |
| Date Made Active in Reports: 03/30/1994 | Last EDR Contact: 08/17/2009 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/16/2009 |

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: 11/01/2009
- Source: EPA
- Telephone: N/A

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: 06/30/2009
- Source: EPA
- Telephone: 703-412-9810

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: 06/23/2009
- Source: EPA
- Telephone: 703-412-9810

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

- Date of Government Version: 09/15/2009
- Source: EPA
- Telephone: 800-424-9346

TC2694606.2s  Page GR-2
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.

Date of Government Version: 12/11/2009
Date Data Arrived at EDR: 12/17/2009
Date Made Active in Reports: 01/11/2010
Number of Days to Update: 25
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/15/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

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.

Date of Government Version: 12/11/2009
Date Data Arrived at EDR: 12/17/2009
Date Made Active in Reports: 01/11/2010
Number of Days to Update: 25
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/15/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 12/11/2009
Date Data Arrived at EDR: 12/17/2009
Date Made Active in Reports: 01/11/2010
Number of Days to Update: 25
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/15/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 12/11/2009
Date Data Arrived at EDR: 12/17/2009
Date Made Active in Reports: 01/11/2010
Number of Days to Update: 25
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/15/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

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: 10/01/2009  
Source: Environmental Protection Agency
Telephone: 703-603-0695
Date Data Arrived at EDR: 10/09/2009  
Last EDR Contact: 12/10/2009
Date Made Active in Reports: 11/09/2009  
Next Scheduled EDR Contact: 03/29/2010
Number of Days to Update: 31  
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: 10/01/2009  
Source: Environmental Protection Agency
Telephone: 703-603-0695
Date Data Arrived at EDR: 10/09/2009  
Last EDR Contact: 12/10/2009
Date Made Active in Reports: 11/09/2009  
Next Scheduled EDR Contact: 03/29/2010
Number of Days to Update: 31  
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: 08/31/2009  
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Date Data Arrived at EDR: 09/17/2009  
Last EDR Contact: 01/15/2010
Date Made Active in Reports: 11/09/2009  
Next Scheduled EDR Contact: 04/19/2010
Number of Days to Update: 53  
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.

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Date Data Arrived at EDR: 11/10/2009  
Last EDR Contact: 02/09/2010
Date Made Active in Reports: 12/04/2009  
Next Scheduled EDR Contact: 05/24/2010
Number of Days to Update: 24  
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.
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.

State and tribal leaking storage tank lists

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.

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.

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.

LUST REG 2: Fuel Leak List
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: 12/04/2009  
Next Scheduled EDR Contact: 03/22/2010  
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: 01/05/2010  
Next Scheduled EDR Contact: 04/19/2010  
Data Release Frequency: Quarterly

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: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 12/10/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29
Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/14/2005  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41
Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
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
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 12/21/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/05/2010
Next Scheduled EDR Contact: 04/05/2010
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: 28
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 12/18/2009
Next Scheduled EDR Contact: 04/05/2010
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: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies
SLIC REG 5:  Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source:  Regional Water Quality Control Board Central Valley Region (5)
Telephone:  916-464-3291
Last EDR Contact: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

SLIC REG 6V:  Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22
Source:  Regional Water Quality Control Board, Victorville Branch
Telephone:  619-241-6583
Last EDR Contact: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

SLIC REG 6L:  SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source:  California Regional Water Quality Control Board, Lahontan Region
Telephone:  530-542-5574
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: No Update Planned

SLIC REG 7:  SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source:  California Regional Quality Control Board, Colorado River Basin Region
Telephone:  760-346-7491
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: No Update Planned

SLIC REG 8:  Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source:  California Region Water Quality Control Board Santa Ana Region (8)
Telephone:  951-782-3298
Last EDR Contact: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

SLIC REG 9:  Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source:  California Regional Water Quality Control Board San Diego Region (9)
Telephone:  858-467-2980
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually
INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.
Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 7
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

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: 11/24/2009
Date Data Arrived at EDR: 11/25/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 21
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Date of Government Version: 11/10/2009
Date Data Arrived at EDR: 11/12/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 34
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.
Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 11/12/2009
Date Data Arrived at EDR: 11/12/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 34
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska.
Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 12/01/2009
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 15
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 12/21/2009
- Date Data Arrived at EDR: 12/21/2009
- Date Made Active in Reports: 01/18/2010
- Number of Days to Update: 28
- Source: SWRCB
- Telephone: 916-480-1028
- Last EDR Contact: 02/05/2010
- Next Scheduled EDR Contact: 04/05/2010
- 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: 916-341-5712
- Last EDR Contact: 01/11/2010
- Next Scheduled EDR Contact: 04/26/2010
- Data Release Frequency: Quarterly

**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: 02/19/2009
- Date Data Arrived at EDR: 02/19/2009
- Date Made Active in Reports: 03/16/2009
- Number of Days to Update: 25
- Source: EPA, Region 1
- Telephone: 617-918-1313
- Last EDR Contact: 02/01/2010
- Next Scheduled EDR Contact: 05/17/2010
- Data Release Frequency: Quarterly

**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: 11/12/2009
- Date Data Arrived at EDR: 11/12/2009
- Date Made Active in Reports: 12/16/2009
- Number of Days to Update: 34
- Source: EPA Region 6
- Telephone: 214-665-7591
- Last EDR Contact: 02/01/2010
- Next Scheduled EDR Contact: 05/17/2010
- Data Release Frequency: Semi-Annually

**INDIAN UST R10: Underground Storage Tanks on Indian Land**
- Date of Government Version: 11/10/2009
- Date Data Arrived at EDR: 11/12/2009
- Date Made Active in Reports: 12/16/2009
- Number of Days to Update: 34
- Source: EPA Region 10
- Telephone: 206-553-2857
- Last EDR Contact: 02/17/2010
- Next Scheduled EDR Contact: 05/17/2010
- 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: 04/01/2008
- Date Data Arrived at EDR: 12/30/2008
- Date Made Active in Reports: 03/16/2009
- Number of Days to Update: 76
- Source: EPA Region 7
- Telephone: 913-551-7003
- Last EDR Contact: 02/01/2010
- Next Scheduled EDR Contact: 05/17/2010
- Data Release Frequency: Varies
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: 11/12/2009
Date Data Arrived at EDR: 11/20/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 26

Source: EPA Region 9
 Telephone: 415-972-3368
 Last EDR Contact: 02/01/2010
 Next Scheduled EDR Contact: 05/17/2010
 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: 12/01/2009
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 15

Source: EPA Region 8
 Telephone: 303-312-6137
 Last EDR Contact: 02/01/2010
 Next Scheduled EDR Contact: 05/17/2010
 Data Release Frequency: Quarterly

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: 12/07/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 7

Source: EPA Region 4
 Telephone: 404-562-9424
 Last EDR Contact: 02/01/2010
 Next Scheduled EDR Contact: 05/17/2010
 Data Release Frequency: Quarterly

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: 11/05/2009
Date Data Arrived at EDR: 11/05/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 41

Source: EPA Region 5
 Telephone: 312-886-6136
 Last EDR Contact: 02/01/2010
 Next Scheduled EDR Contact: 05/17/2010
 Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 48

Source: FEMA
 Telephone: 202-646-5797
 Last EDR Contact: 01/18/2010
 Next Scheduled EDR Contact: 05/03/2010
 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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 Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 24

Source: Department of Toxic Substances Control
 Telephone: 916-323-3400
 Last EDR Contact: 02/09/2010
 Next Scheduled EDR Contact: 02/22/2010
 Data Release Frequency: Quarterly
INdian vCP R7: Voluntary Cleanup Priority ListIng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

INdian vCP R1: Voluntary Cleanup Priority ListIng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING
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
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/18/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 01/11/2010
Date Data Arrived at EDR: 01/12/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 6
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
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.

Date of Government Version: 03/01/2009
Date Data Arrived at EDR: 06/22/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 91
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

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.

Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 24
Source: Department of Toxic Substances Control
Telephone: 916-227-4364
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 04/27/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 07/23/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 11
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

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

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24
Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned
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: 12/07/2009
Number of Days to Update: 8 | Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Varies

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

Date of Government Version: 10/15/1990 | Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991 | Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991 | Last EDR Contact: 07/26/2001
Number of Days to Update: 18 | Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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: 11/03/2009 | Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2009 | Telephone: 202-564-6023
Date Made Active in Reports: 12/16/2009 | Last EDR Contact: 02/01/2010
Number of Days to Update: 41 | Next Scheduled EDR Contact: 05/17/2010
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 | Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006 | Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 11/20/2009
Number of Days to Update: 31 | Next Scheduled EDR Contact: 03/08/2010
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: 10/29/2009 | Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/30/2009 | Telephone: 916-323-3400
Date Made Active in Reports: 11/13/2009 | Last EDR Contact: 01/18/2010
Number of Days to Update: 14 | Next Scheduled EDR Contact: 05/03/2010
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: 12/15/2009  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 12/15/2009  Telephone: 916-323-3400
Date Made Active in Reports: 01/18/2010  Last EDR Contact: 12/30/2009
Number of Days to Update: 34  Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Semi-Annually

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: 10/05/2009  Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/05/2009  Telephone: 202-366-4555
Date Made Active in Reports: 11/09/2009  Last EDR Contact: 01/06/2010
Number of Days to Update: 35  Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Annually

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

Date of Government Version: 12/31/2007  Source: Office of Emergency Services
Date Data Arrived at EDR: 05/09/2008  Telephone: 916-845-8400
Date Made Active in Reports: 06/20/2008  Last EDR Contact: 02/01/2010
Number of Days to Update: 42  Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 12/21/2009  Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/21/2009  Telephone: 866-480-1028
Date Made Active in Reports: 01/18/2010  Last EDR Contact: 02/05/2010
Number of Days to Update: 28  Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

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: 12/21/2009  Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/21/2009  Telephone: 866-480-1028
Date Made Active in Reports: 01/18/2010  Last EDR Contact: 02/05/2010
Number of Days to Update: 28  Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

Other Ascertainable Records
RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 12/11/2009
Date Data Arrived at EDR: 12/17/2009
Date Made Active in Reports: 01/11/2010
Number of Days to Update: 25
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/15/2010
Next Scheduled EDR Contact: 04/19/2010
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: 10/13/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 36
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/18/2009
Next Scheduled EDR Contact: 03/29/2010
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: 08/03/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 13
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
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: 12/01/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 35
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/15/2009
Next Scheduled EDR Contact: 03/29/2010
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: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Varies

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/23/2009
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Varies

MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/17/2009
Date Data Arrived at EDR: 12/08/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 42
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Semi-Annually

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/08/2009
Next Scheduled EDR Contact: 03/22/2010
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: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Annually

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/13/2010
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Annually

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Every 4 Years

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/20/2010
Next Scheduled EDR Contact: 04/12/2010
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Quarterly

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/15/2010
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Quarterly

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/15/2010
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: 12/31/2007  
Date Data Arrived at EDR: 05/19/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 125  
Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 11/10/2009  
Date Data Arrived at EDR: 11/18/2009  
Date Made Active in Reports: 01/19/2010  
Number of Days to Update: 62  
Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 12/23/2009  
Next Scheduled EDR Contact: 04/12/2010  
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: 09/01/2009  
Date Data Arrived at EDR: 10/21/2009  
Date Made Active in Reports: 12/01/2009  
Number of Days to Update: 41  
Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/22/2010  
Next Scheduled EDR Contact: 05/03/2010  
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: 09/25/2009
Date Data Arrived at EDR: 10/23/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 54
Next Scheduled EDR Contact: 03/29/2010
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: 10/15/2009
Date Data Arrived at EDR: 10/16/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 46
Next Scheduled EDR Contact: 04/26/2010
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: 10/19/2009
Date Data Arrived at EDR: 10/22/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 40
Next Scheduled EDR Contact: 03/29/2010
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: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92
Next Scheduled EDR Contact: 03/05/2010
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

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/20/2009
Date Data Arrived at EDR: 11/24/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 916-445-9379

CA WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227

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

Date of Government Version: 01/06/2010
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 12

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400

HIST CORTESE: 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 [CALSITES].

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

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846

Next Scheduled EDR Contact: 04/12/2010
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: 12/22/2009  Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 01/25/2010  Telephone: 916-327-4498
Date Made Active in Reports: 01/29/2010  Last EDR Contact: 12/14/2009
Number of Days to Update: 4  Next Scheduled EDR Contact: 03/29/2010
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  Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009  Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009  Last EDR Contact: 01/07/2010
Number of Days to Update: 13  Next Scheduled EDR Contact: 04/19/2010
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: 12/31/2008  Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/21/2009  Telephone: 916-255-1136
Date Made Active in Reports: 10/28/2009  Last EDR Contact: 01/21/2010
Number of Days to Update: 7  Next Scheduled EDR Contact: 05/03/2010
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: 12/31/2007  Source: California Air Resources Board
Date Data Arrived at EDR: 07/14/2009  Telephone: 916-322-2990
Date Made Active in Reports: 07/23/2009  Last EDR Contact: 01/06/2010
Number of Days to Update: 9  Next Scheduled EDR Contact: 04/12/2010
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  Source: USGS
Date Data Arrived at EDR: 12/08/2006  Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 01/19/2010
Number of Days to Update: 34  Next Scheduled EDR Contact: 05/03/2010
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: 11/16/2009  Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2009  Telephone: 615-532-8599
Date Made Active in Reports: 01/19/2010  Last EDR Contact: 02/08/2010
Number of Days to Update: 64  Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies
COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 09/21/2009
Date Data Arrived at EDR: 09/25/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/15/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/27/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/18/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action (a??cleanupsa???) tracked in EnviroStor.

Date of Government Version: 03/13/2009
Date Data Arrived at EDR: 03/27/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 12

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Quarterly

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.

Date of Government Version: 01/18/2010
Date Data Arrived at EDR: 01/19/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 10

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Quarterly

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.
### EDR Proprietary Records

**Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

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

<table>
<thead>
<tr>
<th>Date of Government Version: N/A</th>
<th>Source: EDR, Inc.</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR: N/A</td>
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### County Records

#### Alameda County:

*Contaminated Sites*

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

<table>
<thead>
<tr>
<th>Date of Government Version: 01/19/2010</th>
<th>Source: Alameda County Environmental Health Services</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR: 01/21/2010</td>
<td>Telephone: 510-567-6700</td>
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<td>Date Made Active in Reports: 01/29/2010</td>
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<td>Data Release Frequency: Semi-Annually</td>
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*Underground Tanks*

Underground storage tank sites located in Alameda county.

<table>
<thead>
<tr>
<th>Date of Government Version: 01/19/2010</th>
<th>Source: Alameda County Environmental Health Services</th>
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<tr>
<td>Date Data Arrived at EDR: 01/21/2010</td>
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#### Contra Costa County:

*Underground Tanks*

Underground storage tank sites located in Contra Costa county.

<table>
<thead>
<tr>
<th>Date of Government Version: N/A</th>
<th>Source: EDR, Inc.</th>
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### FEDLAND: Federal and Indian Lands


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<td>Date Data Arrived at EDR: 02/06/2006</td>
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<td>Date Made Active in Reports: 01/11/2007</td>
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<td>Data Release Frequency: N/A</td>
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</tbody>
</table>
Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

- Date of Government Version: 11/18/2009
- Date Data Arrived at EDR: 11/20/2009
- Date Made Active in Reports: 12/04/2009
- Number of Days to Update: 14
- Source: Contra Costa Health Services Department
- Telephone: 925-646-2286
- Last EDR Contact: 02/08/2010
- Next Scheduled EDR Contact: 05/24/2010
- Data Release Frequency: Semi-Annually

FRESNO COUNTY:

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

- Date of Government Version: 12/31/2009
- Date Data Arrived at EDR: 01/20/2010
- Date Made Active in Reports: 01/29/2010
- Number of Days to Update: 9
- Source: Dept. of Community Health
- Telephone: 559-445-3271
- Last EDR Contact: 01/18/2010
- Next Scheduled EDR Contact: 05/03/2010
- Data Release Frequency: Semi-Annually

KERN COUNTY:

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

- Date of Government Version: 11/18/2009
- Date Data Arrived at EDR: 11/20/2009
- Date Made Active in Reports: 12/08/2009
- Number of Days to Update: 18
- Source: Kern County Environment Health Services Department
- Telephone: 661-862-8700
- Last EDR Contact: 11/16/2009
- Next Scheduled EDR Contact: 03/01/2010
- 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
- Date Data Arrived at EDR: 03/31/2009
- Date Made Active in Reports: 10/23/2009
- Number of Days to Update: 206
- Source: EPA Region 9
- Telephone: 415-972-3178
- Last EDR Contact: 12/28/2009
- Next Scheduled EDR Contact: 04/12/2010
- Data Release Frequency: No Update Planned

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

- Date of Government Version: 09/30/2009
- Date Data Arrived at EDR: 12/28/2009
- Date Made Active in Reports: 01/18/2010
- Number of Days to Update: 21
- Source: Department of Public Works
- Telephone: 626-458-3517
- Last EDR Contact: 01/18/2010
- Next Scheduled EDR Contact: 05/03/2010
- Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.
<table>
<thead>
<tr>
<th>City of Los Angeles Landfills</th>
<th>Source: La County Department of Public Works</th>
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</thead>
<tbody>
<tr>
<td>Date Made Active in Reports: 11/13/2009</td>
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<table>
<thead>
<tr>
<th>City of Los Angeles Landfills</th>
<th>Source: Engineering &amp; Construction Division</th>
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<tr>
<td>Date of Government Version: 03/05/2009</td>
<td>Date Data Arrived at EDR: 03/10/2009</td>
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<table>
<thead>
<tr>
<th>Site Mitigation List</th>
<th>Source: Community Health Services</th>
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<tr>
<td>Date of Government Version: 02/11/2009</td>
<td>Date Data Arrived at EDR: 04/23/2009</td>
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<td>Date Made Active in Reports: 05/11/2009</td>
<td>Number of Days to Update: 18</td>
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<tr>
<td>Last EDR Contact: 01/25/2010</td>
<td>Next Scheduled EDR Contact: 05/10/2010</td>
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<tr>
<td>Data Release Frequency: Varies</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>City of El Segundo Underground Storage Tank</th>
<th>Source: City of El Segundo Fire Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Government Version: 01/25/2010</td>
<td>Date Data Arrived at EDR: 01/25/2010</td>
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<td>Date Made Active in Reports: 02/02/2010</td>
<td>Number of Days to Update: 8</td>
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<tr>
<td>Last EDR Contact: 01/25/2010</td>
<td>Next Scheduled EDR Contact: 05/10/2010</td>
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<td>Data Release Frequency: Annually</td>
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<table>
<thead>
<tr>
<th>City of Long Beach Underground Storage Tank</th>
<th>Source: City of Long Beach Fire Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Government Version: 03/28/2003</td>
<td>Date Data Arrived at EDR: 10/23/2003</td>
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<td>Date Made Active in Reports: 11/26/2003</td>
<td>Number of Days to Update: 34</td>
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<td>Last EDR Contact: 02/01/2010</td>
<td>Next Scheduled EDR Contact: 05/17/2010</td>
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<table>
<thead>
<tr>
<th>City of Torrance Underground Storage Tank</th>
<th>Source: City of Torrance Fire Department</th>
</tr>
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<tbody>
<tr>
<td>Date of Government Version: 01/21/2010</td>
<td>Date Data Arrived at EDR: 01/25/2010</td>
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<td>Date Made Active in Reports: 02/02/2010</td>
<td>Number of Days to Update: 8</td>
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<td>Last EDR Contact: 01/18/2010</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>MARIN COUNTY:</th>
<th>Source: Public Works Department Waste Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Government Version: 10/19/2009</td>
<td>Date Data Arrived at EDR: 10/27/2009</td>
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<td>Date Made Active in Reports: 11/20/2009</td>
<td>Number of Days to Update: 24</td>
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<td>Last EDR Contact: 01/11/2010</td>
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<thead>
<tr>
<th>NAPA COUNTY:</th>
<th>Source: Public Works Department Waste Management</th>
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<tr>
<td>Date of Government Version: 10/19/2009</td>
<td>Date Data Arrived at EDR: 10/27/2009</td>
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<tr>
<td>Date Made Active in Reports: 11/20/2009</td>
<td>Number of Days to Update: 24</td>
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<tr>
<td>Last EDR Contact: 01/11/2010</td>
<td>Next Scheduled EDR Contact: 04/26/2010</td>
</tr>
<tr>
<td>Data Release Frequency: Semi-Annually</td>
<td></td>
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</tbody>
</table>
Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Annually

ORANGE COUNTY:
List of Industrial Site Cleanups
Petroleum and non-petroleum spills.
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

PLACER COUNTY:
Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.
Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/29/2010
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: 10/28/2009
Date Data Arrived at EDR: 10/30/2009
Date Made Active in Reports: 11/13/2009
Number of Days to Update: 14

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/21/2010
Date Data Arrived at EDR: 01/27/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 6

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
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: 01/05/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 14

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/12/2010
Next Scheduled EDR Contact: 04/26/2010
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: 11/12/2009
Date Data Arrived at EDR: 11/20/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 14

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/22/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:
Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/08/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 12/09/2009
Number of Days to Update: 40

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/16/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

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

San Mateo County:
### Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/31/2009</th>
<th>Source: San Mateo County Environmental Health Services Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 01/05/2010</td>
<td>Telephone: 650-363-1921</td>
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<tr>
<td>Date Made Active in Reports: 01/18/2010</td>
<td>Last EDR Contact: 12/18/2009</td>
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<td>Number of Days to Update: 13</td>
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<td></td>
<td>Data Release Frequency: Annually</td>
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</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version: 04/07/2009</th>
<th>Source: San Mateo County Environmental Health Services Division</th>
</tr>
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<tbody>
<tr>
<td>Date Data Arrived at EDR: 04/07/2009</td>
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<td>Number of Days to Update: 34</td>
<td>Next Scheduled EDR Contact: 04/05/2010</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Semi-Annually</td>
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</tbody>
</table>

### SANTA CLARA COUNTY:

#### HIST LUST - Fuel 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.

<table>
<thead>
<tr>
<th>Date of Government Version: 03/29/2005</th>
<th>Source: Santa Clara Valley Water District</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 03/30/2005</td>
<td>Telephone: 408-265-2600</td>
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<td>Date Made Active in Reports: 04/21/2005</td>
<td>Last EDR Contact: 03/23/2009</td>
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<td>Number of Days to Update: 22</td>
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<td></td>
<td>Data Release Frequency: No Update Planned</td>
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</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version: 05/29/2009</th>
<th>Source: Department of Environmental Health</th>
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</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 06/01/2009</td>
<td>Telephone: 408-918-3417</td>
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<tr>
<td>Date Made Active in Reports: 06/15/2009</td>
<td>Last EDR Contact: 12/07/2009</td>
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<td>Number of Days to Update: 14</td>
<td>Next Scheduled EDR Contact: 03/22/2010</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Varies</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version: 08/31/2009</th>
<th>Source: City of San Jose Fire Department</th>
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</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 08/31/2009</td>
<td>Telephone: 408-277-4659</td>
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<tr>
<td>Date Made Active in Reports: 09/18/2009</td>
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<tr>
<td></td>
<td>Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>

### SOLANO COUNTY:

#### Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/07/2009</th>
<th>Source: Solano County Department of Environmental Management</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR: 12/10/2009</td>
<td>Telephone: 707-784-6770</td>
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<td>Date Made Active in Reports: 01/18/2010</td>
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<td>Number of Days to Update: 39</td>
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<td></td>
<td>Data Release Frequency: Quarterly</td>
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Underground Storage Tanks
Underground storage tank sites located in Solano county.
Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/10/2009
Date Made Active in Reports: 12/22/2009
Number of Days to Update: 12
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.
Date of Government Version: 01/05/2010
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 12
Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.
Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 7
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.
Date of Government Version: 10/26/2009
Date Data Arrived at EDR: 11/30/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 4
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.
Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 10/13/2009
Number of Days to Update: 8
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 11/20/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Quarterly
Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

- Date Data Arrived at EDR: 12/21/2009
- Date Made Active in Reports: 01/18/2010
- Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

YOLO COUNTY:
Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

- Date of Government Version: 12/28/2009
- Date Data Arrived at EDR: 12/31/2009
- Date Made Active in Reports: 01/18/2010
- Number of Days to Update: 18

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Annually

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

- Date of Government Version: 12/31/2007
- Date Data Arrived at EDR: 08/26/2009
- Date Made Active in Reports: 09/11/2009
- Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2009
- Date Data Arrived at EDR: 01/20/2010
- Date Made Active in Reports: 02/05/2010
- Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2010
Next Scheduled EDR Contact: 05/03/2010
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: 10/27/2009
- Date Data Arrived at EDR: 11/10/2009
- Date Made Active in Reports: 12/09/2009
- Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Annually
PA MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information
Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/30/2009
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information
Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24
Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

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 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5’ Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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TARGET PROPERTY ADDRESS

1400 BURBANK AVENUE
1400 BURBANK AVENUE
SANTA ROSA, CA 95407

TARGET PROPERTY COORDINATES

Latitude (North): 38.42320 - 38° 25’ 23.5”
Longitude (West): 122.7347 - 122° 44’ 4.9”
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 523158.8
UTM Y (Meters): 4252598.5
Elevation: 125 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 38122-D6 SANTA ROSA, CA
Most Recent Revision: 1999

West Map: 38122-D7 SEBASTOPOL, CA
Most Recent Revision: 1980

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

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

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

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

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>
</tr>
</thead>
<tbody>
<tr>
<td>SONOMA, CA</td>
<td>YES - refer to the Overview Map and Detail Map</td>
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<table>
<thead>
<tr>
<th>Flood Plain Panel at Target Property</th>
<th>06097C - FEMA DFIRM Flood data</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Additional Panels in search area</th>
<th>Not Reported</th>
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</thead>
</table>

NATIONAL WETLAND INVENTORY

<table>
<thead>
<tr>
<th>NWI Quad at Target Property</th>
<th>NWI Electronic Data Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANTA ROSA</td>
<td>YES - refer to the Overview Map and Detail Map</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  
- **Location Relative to TP**: 1/4 - 1/2 Mile NNW  
- **Site Name**: Acme Auto Wreckers  
- **Site EPA ID Number**: CAD983644998  
- **Groundwater Flow Direction**: GENERALLY SW TOWARD THE LAGUNA DE SANTA ROSA, A TRIBUTARY OF THE RUSSIAN RIVER, BUT THE GRADIENT IN THE SITE AREA HAS VARIED TO THE W AND NW.  
- **Inferred Depth to Water**: less than 15 feet  
- **Hydraulic Connection**: The site is underlain by deposits consisting of fine sands, silts, clays, coarse sands, and gravels to a depth of 200 feet. The shallow water table and lower aquifers are interconnected through numerous irrigation wells screened in both aquifers.  
- **Sole Source Aquifer**: No information about a sole source aquifer is available  
- **Data Quality**: Information is inferred in the CERCLIS investigation report(s)

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</th>
<th>GENERAL DIRECTION</th>
<th>GROUNDWATER FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1/4 - 1/2 Mile NNW</td>
<td>SW</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>1/4 - 1/2 Mile NNE</td>
<td>SW</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>1/4 - 1/2 Mile NNW</td>
<td>WSW</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>1/2 - 1 Mile NNE</td>
<td>Not Reported</td>
<td></td>
</tr>
<tr>
<td>C11</td>
<td>1/2 - 1 Mile NE</td>
<td>NW</td>
<td></td>
</tr>
<tr>
<td>C12</td>
<td>1/2 - 1 Mile NE</td>
<td>NW</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>1/2 - 1 Mile ENE</td>
<td>Varies</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1/2 - 1 Mile NE</td>
<td>NW</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>1/2 - 1 Mile NNW</td>
<td>Varies</td>
<td></td>
</tr>
<tr>
<td>D17</td>
<td>1/2 - 1 Mile SE</td>
<td>Varies</td>
<td></td>
</tr>
<tr>
<td>D18</td>
<td>1/2 - 1 Mile SE</td>
<td>Not Reported</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>1/2 - 1 Mile SE</td>
<td>Not Reported</td>
<td></td>
</tr>
</tbody>
</table>

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

<table>
<thead>
<tr>
<th>Era:</th>
<th>Cenozoic</th>
</tr>
</thead>
<tbody>
<tr>
<td>System:</td>
<td>Quaternary</td>
</tr>
<tr>
<td>Series:</td>
<td>Quaternary</td>
</tr>
<tr>
<td>Code:</td>
<td>Q</td>
</tr>
</tbody>
</table>

(category: Stratified Sequence)

GEOLOGIC AGE IDENTIFICATION

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:** YOLO  
**Soil Surface Texture:** clay loam  
**Hydrologic Group:** Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.  
**Soil Drainage Class:** Well drained  
**Hydric Status:** Not hydric  
**Corrosion Potential - Uncoated Steel:** Low  
**Depth to Bedrock Min:** > 0 inches  
**Depth to Watertable Min:** > 0 inches

#### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Unified Soil</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>7 inches</td>
<td>clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 14 Min: 4</td>
<td>Max: 8.4 Min: 6.1</td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>59 inches</td>
<td>loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 14 Min: 4</td>
<td>Max: 8.4 Min: 6.1</td>
</tr>
</tbody>
</table>

---

### Soil Map ID: 2

**Soil Component Name:** WRIGHT  
**Soil Surface Texture:** loam  
**Hydrologic Group:** Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
**Soil Drainage Class:** Somewhat poorly drained
Hydric Status: Not 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>
<tr>
<td>4</td>
</tr>
</tbody>
</table>

**Soil Map ID: 3**

Soil Component Name: ZAMORA
Soil Surface Texture: silty clay loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity (µm/sec)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>5 inches</td>
<td>silty clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 14 Min: 4 Max: 7.3 Min: 6.6</td>
</tr>
<tr>
<td>2</td>
<td>5 inches</td>
<td>29 inches</td>
<td>clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 14 Min: 4 Max: 7.3 Min: 6.6</td>
</tr>
<tr>
<td>3</td>
<td>29 inches</td>
<td>40 inches</td>
<td>clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 14 Min: 4 Max: 7.3 Min: 6.6</td>
</tr>
<tr>
<td>4</td>
<td>40 inches</td>
<td>55 inches</td>
<td>sandy clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 14 Min: 4 Max: 7.3 Min: 6.6</td>
</tr>
<tr>
<td>5</td>
<td>55 inches</td>
<td>59 inches</td>
<td>gravelly clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 14 Min: 4 Max: 7.3 Min: 6.6</td>
</tr>
</tbody>
</table>

Soil Map ID: 4

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

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

Soil Drainage Class: Poorly drained
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches

Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Unified Soil</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>38 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.</td>
<td>Max: 1.4 Min: 0.42</td>
</tr>
<tr>
<td>2</td>
<td>38 inches</td>
<td>59 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.</td>
<td>Max: 1.4 Min: 0.42</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>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</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>A4</td>
<td>USGS3236591</td>
<td>1/4 - 1/2 Mile SW</td>
</tr>
</tbody>
</table>

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>
### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No PWS System Found</td>
</tr>
</tbody>
</table>

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

### STATE DATABASE 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>7416</td>
<td>1/8 - 1/4 Mile NNE</td>
</tr>
<tr>
<td>A3</td>
<td>CADW20000039472</td>
<td>1/4 - 1/2 Mile SW</td>
</tr>
<tr>
<td>7</td>
<td>7417</td>
<td>1/4 - 1/2 Mile SSE</td>
</tr>
<tr>
<td>B8</td>
<td>7413</td>
<td>1/4 - 1/2 Mile NE</td>
</tr>
<tr>
<td>B9</td>
<td>7414</td>
<td>1/2 - 1 Mile NE</td>
</tr>
<tr>
<td>14</td>
<td>7420</td>
<td>1/2 - 1 Mile WNW</td>
</tr>
<tr>
<td>E19</td>
<td>CADW20000039480</td>
<td>1/2 - 1 Mile East</td>
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<tr>
<td>E20</td>
<td>7412</td>
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</tr>
<tr>
<td>21</td>
<td>CADW20000039509</td>
<td>1/2 - 1 Mile NNW</td>
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</table>
### Water System Information:

<table>
<thead>
<tr>
<th>Prime Station Code</th>
<th>District Number</th>
<th>Water Type</th>
<th>Source Lat/Long</th>
<th>Source Name</th>
<th>System Number</th>
<th>System Name</th>
<th>Organization That Operates System</th>
<th>Pop Served</th>
<th>Area Served</th>
<th>Connections</th>
<th>Date</th>
<th>Average Water Depth</th>
<th>Shallow Water Depth</th>
<th>Deep Water Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>07N/08W-27F02 M</td>
<td>03</td>
<td>Well/Groundwater</td>
<td>382535.0 1224358.0</td>
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<td>4900764</td>
<td>SUNSET APARTMENTS</td>
<td>544 COLLEGE AVE. SANTA ROSA, CA 95404</td>
<td>75</td>
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### Map ID

<table>
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<th>EDR ID Number</th>
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<tbody>
<tr>
<td>1</td>
<td>CA WELLS</td>
<td>7416</td>
</tr>
<tr>
<td>2</td>
<td>AQUIFLOW</td>
<td>71019</td>
</tr>
<tr>
<td>A3</td>
<td>CA WELLS</td>
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</tr>
<tr>
<td>A4</td>
<td>FED USGS</td>
<td>USGS3236591</td>
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<td>Site ID:</td>
<td>Groundwater Flow:</td>
<td>Shallow Water Depth:</td>
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<td>5 NNE</td>
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### Water System Information:

<table>
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<tr>
<th>Prime Station Code</th>
<th>07N/08W-27G02 M</th>
<th>User ID:</th>
<th>RXR</th>
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<tbody>
<tr>
<td>FRDS Number:</td>
<td>4900834001</td>
<td>County:</td>
<td>Sonoma</td>
</tr>
<tr>
<td>District Number:</td>
<td>03</td>
<td>Station Type:</td>
<td>WELL/AMBNT/MUN/INTAKE</td>
</tr>
<tr>
<td>Water Type:</td>
<td>Well/Groundwater</td>
<td>Well Status:</td>
<td>Active Raw</td>
</tr>
<tr>
<td>Source Lat/Long:</td>
<td>382503.0 1224345.0</td>
<td>Precision:</td>
<td>100 Feet (one Second)</td>
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<tr>
<td>Source Name:</td>
<td>WELL 01</td>
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<tr>
<td>System Number:</td>
<td>4900834</td>
<td></td>
<td></td>
</tr>
<tr>
<td>System Name:</td>
<td>Chelsea Garden Apartments</td>
<td></td>
<td></td>
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<tr>
<td>Organization That Operates System:</td>
<td>1220 Mc MINN ST., SANTA ROSA, CA 95407</td>
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<tr>
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<td>Sample Collected:</td>
<td>05/11/1998</td>
<td>Findings:</td>
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<td>Chemical:</td>
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<td>Chemical:</td>
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<td>Findings:</td>
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<td>Chemical:</td>
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<td>05/11/1998</td>
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<td>Findings:</td>
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<td>Findings:</td>
<td>6.4 UG/L</td>
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<td>Sample Collected:</td>
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<td>Chemical:</td>
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<tr>
<td>Sample Collected:</td>
<td>05/11/1998</td>
<td>Findings:</td>
<td>83 UG/L</td>
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<td>Chemical:</td>
<td>ALUMINUM</td>
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</tr>
<tr>
<td>Sample Collected:</td>
<td>05/11/1998</td>
<td>Findings:</td>
<td>400 MG/L</td>
</tr>
<tr>
<td>Chemical:</td>
<td>TOTAL DISSOLVED SOLIDS</td>
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<td></td>
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<tr>
<td>Sample Collected:</td>
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<td>Findings:</td>
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<td>1.1 NTU</td>
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<td>Chemical:</td>
<td>TURBIDITY, LABORATORY</td>
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<td></td>
</tr>
<tr>
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### Water System Information:

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<td>District Number:</td>
<td>03</td>
<td>Station Type:</td>
<td>WELL/AMBNT/MUN/INTAKE</td>
</tr>
<tr>
<td>Water Type:</td>
<td>Well/Groundwater</td>
<td>Well Status:</td>
<td>Active Raw</td>
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<td>Source Lat/Long:</td>
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<td>Precision:</td>
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<tr>
<td>Source Name:</td>
<td>WELL 02</td>
<td>System Number:</td>
<td>4900914</td>
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<td>System Name:</td>
<td>Cottage Apartments</td>
<td>Organization That Operates System:</td>
<td>67 Brookside Sebastopol, CA 94947</td>
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<tr>
<td>Pop Served:</td>
<td>80</td>
<td>Connections:</td>
<td>39</td>
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<td>Area Served:</td>
<td>Not Reported</td>
<td>Water System Information:</td>
<td>100 Feet (one Second)</td>
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</table>

**B9**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

<table>
<thead>
<tr>
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<td>Station Type:</td>
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<td>Water Type:</td>
<td>Well/Groundwater</td>
<td>Well Status:</td>
<td>Active Raw</td>
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<td>Source Lat/Long:</td>
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<td>Precision:</td>
<td>100 Feet (one Second)</td>
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<tr>
<td>Source Name:</td>
<td>WELL 01</td>
<td>System Number:</td>
<td>4900889</td>
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<tr>
<td>System Name:</td>
<td>Avalon Apartments</td>
<td>Organization That Operates System:</td>
<td>60 Palm Way Santa Rosa, CA 94941</td>
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<td>Pop Served:</td>
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<td>03/22/2006</td>
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<td>790 UG/L</td>
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<td>MANGANESE</td>
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<td>Findings:</td>
<td>610 UG/L</td>
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<td>MANGANESE</td>
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<td>Sample Collected:</td>
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**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

<table>
<thead>
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<th>Sample Collected:</th>
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<th>Findings:</th>
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<td>08/30/2005</td>
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<td>850 UG/L</td>
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<td>07/28/2005</td>
<td>MANGANESE</td>
<td>610 UG/L</td>
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<td>06/29/2005</td>
<td>MANGANESE</td>
<td>820 UG/L</td>
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<td>05/27/2005</td>
<td>MANGANESE</td>
<td>770 UG/L</td>
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<td>12/28/2004</td>
<td>NITRATE (AS NO3)</td>
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<th>Site ID:</th>
<th>Groundwater Flow:</th>
<th>Shallow Water Depth:</th>
<th>Deep Water Depth:</th>
<th>Average Water Depth:</th>
<th>Date:</th>
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</thead>
<tbody>
<tr>
<td>10 NNE 1/2 - 1 Mile Higher</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>15.5</td>
<td>12/12/1997</td>
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<td>C11 NE 1/2 - 1 Mile Higher</td>
<td>Not Reported</td>
<td>NW</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>10/16/1991</td>
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<td>C12 NE 1/2 - 1 Mile Higher</td>
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<td>NW</td>
<td>Not Reported</td>
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<td>07/05/1991</td>
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<td>13 ENE 1/2 - 1 Mile Higher</td>
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<td>Varies</td>
<td>6.80</td>
<td>13.73</td>
<td>08/16/1994</td>
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**Water System Information:**
- **Prime Station Code:** 07N/08W-28B01 M
- **FRDS Number:** 4900832001
- **District Number:** 03
- **Water Type:** Well/Groundwater
- **Source Lat/Long:** 382540.0 1224449.0
- **Source Name:** WELL 01
- **User ID:** RXR
- **County:** Sonoma
- **Station Type:** WELL/AMBNT/MUN/INTAKE
- **Well Status:** Active Raw
- **Precision:** 1,000 Feet (10 Seconds)
System Number: 4900832
System Name: LEISURE MOBILE HOME PARK
Organization That Operates System:
2185 OCCIDENTAL RD
SANTA ROSA, CA 95401

Pop Served: 410
Area Served: Not Reported
Sample Collected: 12/20/2007
Chemical: NITRATE (AS NO3)

Findings: 10 MG/L

Date: 12/08/1995
Average Water Depth: Not Reported
Deep Water Depth: Not Reported
Shallow Water Depth: Not Reported
Groundwater Flow: Not Reported
Site ID: Not Reported

Date: 05/11/1990
Average Water Depth: Not Reported
Deep Water Depth: 12
Shallow Water Depth: 8
Groundwater Flow: Varies
Site ID: Not Reported

Date: 02/26/1993
Average Water Depth: Not Reported
Deep Water Depth: Not Reported
Shallow Water Depth: Not Reported
Groundwater Flow: Varies
Site ID: Not Reported

Date: 10/16/1991
Average Water Depth: Not Reported
Deep Water Depth: Not Reported
Shallow Water Depth: Not Reported
Groundwater Flow: NW
Site ID: Not Reported

Date: 12/20/2007
Chemical: NITRATE (AS NO3)
Findings: 2.4 MG/L

Site ID: Not Reported

Date: 01/20/2004
Chemical: NITRATE (AS NO3)
Findings: 2.4 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

15
NE
1/2 - 1 Mile Higher
Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:
AQUIFLOW 70282

16
NNW
1/2 - 1 Mile Higher
Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:
AQUIFLOW 70913

D17
SE
1/2 - 1 Mile Higher
Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:
AQUIFLOW 54560

D18
SE
1/2 - 1 Mile Higher
Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:
AQUIFLOW 54562

E19
East
1/2 - 1 Mile Higher
Site ID:
CADW20000039480

Longitude: 122.7167
Latitude: 38.4219
Shwellno: 07N08W26L002M
Districtco: 7
Welluseco: H
Countycode: 49
Gwcode: 101801

CA WELLS CADW20000039480
## Water System Information:

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<td>Water Type</td>
<td>Well/Groundwater</td>
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<tr>
<td>Source Lat/Long</td>
<td>382517.0 1224259.0</td>
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<td>Source Name</td>
<td>WELL 01</td>
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<tr>
<td>System Number</td>
<td>4900858</td>
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<tr>
<td>System Name</td>
<td>CORBY AVENUE APARTMENTS</td>
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<tr>
<td>Organization That Operates</td>
<td>SANTA ROSA, CA 95401</td>
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<td>Well/Groundwater</td>
<td>WELL 01</td>
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<td>Chemical</td>
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<td>User ID</td>
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<td>Station Type</td>
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<td>Well Status</td>
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## 21 NNW 1/2 - 1 Mile Higher

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<tr>
<td>Districtco</td>
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<tr>
<td>Welluseco</td>
<td>U</td>
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<tr>
<td>Countycode</td>
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<tr>
<td>Gwcode</td>
<td>101801</td>
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<td>Site id</td>
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## 22 SE 1/2 - 1 Mile Higher

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<td>Groundwater Flow</td>
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<td>Shallow Water Depth</td>
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<td>WELL 01</td>
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<td>Chemical</td>
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<td>Source Lat/Long</td>
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<tr>
<td>Station Type</td>
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</tr>
<tr>
<td>Well Status</td>
<td>Active Untreated</td>
</tr>
<tr>
<td>Precision</td>
<td>10 Feet (1/10 Second)</td>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

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<th>Zip</th>
<th>Total Sites</th>
<th>&gt; 4 Pci/L</th>
<th>Pct. &gt; 4 Pci/L</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
<td>0.00</td>
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</table>

95407 9 0 0.00

Federal EPA Radon Zone for SONOMA County: 3

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

Federal Area Radon Information for Zip Code: 95407
Number of sites tested: 4

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<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
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<td>100%</td>
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<td>Not Reported</td>
<td>Not Reported</td>
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<td>Not Reported</td>
<td>Not Reported</td>
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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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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

AQUIFLOWR 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 IREA 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.

STREET AND ADDRESS INFORMATION

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New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

**City Directory Report.** Three important enhancements have been made to the EDR City Directory Abstract:

1. **Executive Summary.** The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.

2. **Page Images.** Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.

3. **Findings Listed by Location.** Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

**Options for Selecting Adjoining Properties.** Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. **You Select Addresses and EDR Selects Addresses.** Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.

2. **EDR Selects Addresses.** Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.

3. **You Select Addresses.** Use this method for research based solely on the addresses you select or enter into the system.

4. **Hold City Directory Research Option.** If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.’s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1930 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

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# TARGET PROPERTY INFORMATION

**ADDRESS**

1400 Burbank Avenue  
Santa Rosa, CA  95407

## FINDINGS DETAIL

Target Property research detail.

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# FINDINGS

## ADJOINING PROPERTY DETAIL

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### BURBANK AVE

#### 1200 BURBANK AVE

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APPENDIX C
Historic Aerial Photographs and Maps
1400 Burbank Avenue
1400 Burbank Avenue
Santa Rosa, CA 95407

Inquiry Number: 2694606.5
February 11, 2010

The EDR Aerial Photo Decade Package
Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

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Date EDR Searched Historical Sources:
Aerial Photography February 11, 2010

Target Property:
1400 Burbank Avenue
Santa Rosa, CA 95407

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INQUIRY #: 2694606.5
YEAR: 1993

= 666'
1400 Burbank Avenue
1400 Burbank Avenue
Santa Rosa, CA 95407

Inquiry Number: 2694606.3
February 09, 2010
The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Econ, Incorporated were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

**Certified Sanborn Results:**

- **Site Name:** 1400 Burbank Avenue
- **Address:** 1400 Burbank Avenue
- **City, State, Zip:** Santa Rosa, CA 95407
- **Cross Street:**
- **P.O. #** NA
- **Project:** NA
- **Certification #** 4C07-4723-8E2F

**UNMAPPED PROPERTY**

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

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The EDR Historical Topographic Map Report

1400 Burbank Avenue
1400 Burbank Avenue
Santa Rosa, CA 95407

Inquiry Number: 2694606.4
February 09, 2010
EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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TARGET QUAD NAME: SANTA ROSA
MAP YEAR: 1944
SERIES: 15
SCALE: 1:62500

SITE NAME: 1400 Burbank Avenue
ADDRESS: 1400 Burbank Avenue
Santa Rosa, CA 95407
LAT/LONG: 38.4232 / 122.7347

CLIENT: Econ, Incorporated
CONTACT: Sara Lahman
INQUIRY#: 2694606.4
RESEARCH DATE: 02/09/2010
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APPENDIX D
Previous Site Assessment Reports
April 16, 2002

Mr. Joe Ripple

Schelling Brothers
1270 Airport Blvd.
Santa Rosa, CA 95403-1007
(707) 545-1600

Project No. 007.02

SUBJECT: MODIFIED ENVIRONMENTAL SITE ASSESSMENT, (PHASE ONE TRANSACTION SCREEN PROCESS (TSP) FOR SITE LOCATED AT: 1400 Burbank Avenue in Santa Rosa, California.

Dear Mr. Ripple:

Gallardo & Associates, Inc. is pleased to submit this modified Environmental Site Assessment (ESA) report (Phase One Transaction Screen Process) report for the above site. The report was written in conformance with the American Standards and Testing of Materials' Standard Practice E-1528-00, and current standard of practice. Also included in this report, is the current data base records, (EDR Report) for the above assessment site, (See Appendix A).

If you have any questions in regard to this report, please call me at (707) 537-2292.

Respectfully,

Gallardo & Associates, Inc.

Rafael L. Gallardo, R.G. No. 6834, R.E.A. No. 05406
President/Project Geologist
ENVIRONMENTAL SITE ASSESSMENT

ASTM TRANSACTION SCREEN PROCESS
STANDARD PRACTICE E1528-00

PROJECT SITE:

1400 Burbank Avenue
Santa Rosa, California.

SUBMITTED TO:

Mr. Joe Ripple
Schelling Brothers
1270 Airport Blvd.
Santa Rosa, CA. 95403-1007

PREPARED BY:

MR. RAFAEL GALLARDO

Rafael L. Gallardo, Registered Geologist, No. 6834, Class I REA No. 05406

GALLARDO & ASSOCIATES PROJECT NO. 007.02

April 16, 2002
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<tr>
<th>FIGURE</th>
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<tr>
<td>FIGURE 1</td>
<td>SITE LOCATION MAP</td>
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<td>FIGURE 2</td>
<td>STREET LOCATION MAP</td>
<td>3</td>
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<tr>
<td>FIGURE 3</td>
<td>CERCLIS AND LUST SITES MAP</td>
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I. INTRODUCTION

This Environmental Site Assessment was prepared in accordance with the American Society of Testing and Materials' Standard Practice for Environmental Site Assessments: Transaction Screen Process (ASTM Standard E1528-00).

The purpose of the assessment is to satisfy one of the requirements to qualify for the innocent landowners defense to CERCLA liability, among these being "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice."

The goal of the Site Assessment was to identify the likely presence of any hazardous substances or petroleum products on the property that constitute a threat by existing release, past release, or material threat of a release on the property, or into the ground, ground water, or surface water.

In conducting the Site Assessment, Gallardo & Associates, Inc. considered data from the following components: Records review of government environmental databases to a distance radius of one-mile from the property, site reconnaissance, and interviews with knowledgeable persons.

II. SITE LOCATION AND TOPOGRAPHY

According to the Sonoma County Planning Department, (Lisa Posternak) the area is zoned RR (Rural Residential, 10 acre density). This basically means that the site is limited to one house per ten acres of land. The property does not have a F-1 or F-2 Flood-zone designation (F-1 meaning Flood Plain Combining District and F-2 meaning Flood Way). In addition, the property is not within the G District, (Geologic Hazardous Area for Unincorporated Areas of Sonoma County). The site is located within the Roseland District at 1400 Burbank Avenue in Santa Rosa, California, (See Figures 1 and 2). The site property is bordered on the north side by Roseland creek. The southside of the property is bordered by a single-family dwelling containing two long buildings in the rear of the property that are used as hobby shops. Burbank Avenue borders the west portion of the property, while the east side is bordered by single-family homes. The property is approximately seven acres in size, relatively flat, and consists of natural ground covered with various grasses, shrubs, and mature to sibling oak trees. The property contains two corrals, (one large one, which covers approximately one-half of the property, and one small one containing an open-walled structure). The property contains three building structures: a single-family residence, a small garage size barn, and a small shed used as a chicken coup. In addition, the site contains a domestic water well located approximately twenty feet from the main house. Two horses were observed on the property during our site visit. The site is currently occupied by Mr. Shannon Barnard. There was no observed evidence to indicate that the site once contained an underground storage fuel tank (UST) or an above-ground fuel tank (AGT). However, the site does contain a septic tank, which is located approximately 30 feet north of the house.
III. SITE RECONNAISSANCE

_Gallardo & Associates, Inc._ conducted a site visit of the area on April 11, 2002. The site property is currently occupied by Mr. Shannon Barnard, who met with us during the reconnaissance. A walkthrough of the four existing buildings and the site was performed. The following was observed:

**Main House:**

According to the tenant, Mr. Shannon Barnard, the structure was built in 1932, which would place it in a time when lead paint were widely used and asbestos was common in the manufacturing of construction materials used to build homes. However, the ceilings were free of popcorn type texturing and the floor Linoleum and ceiling insulation were new. A buried septic tank rests approximately 30 feet north of the north side of the house. No hazardous materials were observed within or outside of the building.

**Storage Barn (shed):**

The structure was likely built about the same time as the main house, (1932). The structure was constructed of redwood and sheet metal roofing. The barn is currently being used to store household and garden items and has no floor. No spill discoloration was observed within or around the barn perimeter. However, there were building materials (pieces of a heater furnace, fireplace parts, and windows) and recycling bins resting against the building. No hazardous materials were observed within or outside of the building.

**Chicken Coup(shed):**

The structure was likely built about the same time as the main house, (1932). The structure was constructed of redwood and sheet metal roofing. The shed is currently being used as a chicken coup for the various chickens observed at the site. No hazardous materials were observed within or outside of the building.

**Well Shed:**

The structure was likely built about the same time as the main house, (1932). The structure was constructed of redwood. The Shed currently covers the existing well, which is used for domestic use. An arch welder was stored within the shed. No spill discoloration was observed within or around the well shed perimeter. No hazardous materials were observed within or outside of the shed.

**Corral Area:**

The corral consisted of a fenced area with a roof but no walls. The corral contain one horse and the soil within the corral was moist to wet. No hazardous materials were observed within or outside of the shed.
Creek Area (front of property):

Roseland Creek splits approximately a half-acre of the property closest to Burbank Avenue, and according to Mr. Ed Erdei of the North Coast Regional Water Quality Control Board (NCRWQCB), the creek is considered to be an ephemeral stream (a river, stream or creek that does not flow all-year round). During our site visit, the creek was observed to be flowing in a southwest direction through the site and appeared to be stagnant near the Burbank Avenue concrete bridge. The northwest side of the property (across the creek) was heavily covered by young oak trees, shrubs, poison oak, grass, and flowery vines, which covered most of the area. No petroleum sheen was observed in the creek nor was any hazardous material observed within the ground area.

Center Corral and Back Area of Property):

This area made up approximately half of the site and consisted of mature oak trees and two large Blackberry patches. The center and south sections of this area consisted of natural ground with areas containing gravelly material. The northeast section was heavily scrubbed and covered with a variety of grasses, poison oak, and vined flowers. The creek borders the north section of this area and was observed to be flowing. No petroleum sheen was observed in the creek nor was any hazardous material observed within the ground area.

Summary of Site Reconnaissance:

Based on the visual observations made during the site visit, Gallardo & Associates, Inc. concludes that there was no evidence at the site to indicate the presence of hazardous materials, hazardous spills, or underground storage fuel tanks within the site property. However, no exploratory soil or groundwater borings were advanced, nor were any soil and groundwater samples collected from this site to support this conclusion.
IV. SITE PHOTOGRAPHS

Front of property looking east.

Back of property looking southwest.
living area of the property looking north.

Corral area of the property looking northeast.
Domestic well looking north.

Creek running along northern border, looking west.
V. SITE INVESTIGATION CHECKLIST
## TRANSACTION SCREEN

Description of Site Address: **1400 Burbank Avenue Santa Rosa, CA, (APN 125-331-001).**

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<th>NO</th>
<th>UNKNOWN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. <strong>Is the property or any adjoining property used for an industrial use?</strong></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>2. <strong>To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?</strong></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>3. <strong>Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?</strong></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>4. <strong>To the best of your knowledge, has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?</strong></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>5. <strong>Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gallon (19 L) in volume or 50 gallon (190 L) in the aggregate, stored on or used at the property or at the facility?</strong></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>6. <strong>Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon (208 L)) or sacks of chemicals located on the property or at the facility?</strong></td>
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<td>✔</td>
<td></td>
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<tr>
<td>7. <strong>Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?</strong></td>
<td></td>
<td>✔</td>
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<td>8. <strong>Are there currently, or to the best of your knowledge have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?</strong></td>
<td></td>
<td>✔</td>
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</tr>
<tr>
<td>9. <strong>Is there currently, or the best of your knowledge has there been previously, any stained soil on the property?</strong></td>
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<td></td>
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<tr>
<td>10. <strong>Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the property?</strong></td>
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<td>✔</td>
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<tr>
<td>11. <strong>Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?</strong></td>
<td></td>
<td>✔</td>
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<td>12. <strong>Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul orders?</strong></td>
<td></td>
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<td></td>
<td></td>
<td>YES</td>
<td>NO</td>
</tr>
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<tr>
<td>13. If the <em>property</em> is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?</td>
<td></td>
<td></td>
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<tr>
<td>14. Does the <em>property</em> discharge waste water on or adjacent to the <em>property</em> other than storm water into a sanitary sewer system?</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>15. To the best of your knowledge, have any <em>hazardous substances or petroleum products</em>, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the <em>property</em>?</td>
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<td>16. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?</td>
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**Government Records/Historical Sources Inquiry**

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<tr>
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<td>National Priorities List - within 1.0 mile (1.6 Km)?</td>
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<td></td>
<td>CERCLIS List - within 0.5 mile (0.8 Km)?</td>
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<tr>
<td></td>
<td></td>
<td>RCRIS-TSD Facilities - within 1.0 mile (1.6 Km)?</td>
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<td></td>
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<tr>
<td>18. Do any of the following State record systems list the property or any property within the circumference of the area noted below:</td>
<td></td>
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<tr>
<td></td>
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<td>List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL - within the approximately 1.0 mile (1.6 Km)?</td>
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<tr>
<td></td>
<td></td>
<td>List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to CERCLIS - within 0.5 mile (0.8 Km)?</td>
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<tr>
<td></td>
<td></td>
<td>Leaking Underground Storage Tanks (LUST) List - within 0.5 mile (0.8 Km)?</td>
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<tr>
<td></td>
<td></td>
<td>Solid Waste/Landfill Facilities - within 0.5 mile (0.8 Km)?</td>
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<td>19. Based upon a review of <em>Fire Insurance Maps</em> or consultation with the local Fire Department serving the <em>property</em>, all as specified in the guide, are any buildings or other improvements on the <em>property</em> or on any adjoining <em>property</em> identified as having been used for an industrial use or uses likely to lead to contamination of the property?</td>
<td></td>
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<td></td>
<td>🟢</td>
</tr>
</tbody>
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VI. OWNER QUESTIONNAIRE
## TRANSACTION SCREEN

Description of Site Address: 1400 Burbank Avenue Santa Rosa, CA, (APN 125-331-001).

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<th>OWNER QUESTIONNAIRE</th>
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<td>1. Is the property or any adjoining property used for an industrial use?</td>
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<tr>
<td>2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>4. To the best of your knowledge, has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?</td>
<td></td>
<td>✅</td>
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<td>5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gallon (19 L) in volume or 50 gallon (190 L) in the aggregate, stored on or used at the property or at the facility?</td>
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<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>8. Are there currently, or to the best of your knowledge have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>9. Is there currently, or the best of your knowledge has there been previously, any stained soil on the property?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>10. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the property?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>11. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>12. Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul orders?</td>
<td></td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>QUESTION</td>
<td>YES</td>
<td>NO</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----</td>
<td>----</td>
<td>---------</td>
</tr>
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<td>13. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
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<td>15. Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
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<td>16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?</td>
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<td>18. Does the property discharge waste water on or adjacent to the property other than storm water into a sanitary sewer system?</td>
<td></td>
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<td>✓</td>
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<tr>
<td>19. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property?</td>
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<td></td>
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<tr>
<td>20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

**Bill Schellinger**

Signature of owner or owner’s representative
VII. OCCUPANT QUESTIONNAIRE
## TRANSACTION SCREEN

Description of Site Address: **1400 Burbank Avenue Santa Rosa, CA, (APN 125-331-001).**

### OCCUPANT QUESTIONNAIRE

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>UNOCCUPIED</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Is the <em>property</em> or any adjoining <em>property</em> used for an industrial use?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. To the best of your knowledge, has the <em>property</em> or any adjoining <em>property</em> been used for an industrial use in the past?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Is the <em>property</em> or any adjoining <em>property</em> used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?</td>
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<td></td>
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<tr>
<td>Question</td>
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<td>No</td>
<td>Unoccupied</td>
</tr>
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<td>------------------------------------------------------------------------------------------------------------------------------------------</td>
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<td></td>
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</table>

Shannon Barnard  
Signature of Occupant
VIII. INTERVIEWS

1. On April 11, 2002, Mr. Shannon Barnard, the current resident of the property was asked by Rafael Gallardo, of Gallardo & Associates, Inc., whether or not there were any underground fuel storage tanks (UST’s) located on the site property. Mr. Barnard replied that there were none, however, he did state that there was a septic tank located near the house and pointed to its’ location. Mr. Barnard was kind enough to walk the site with Gallardo & Associates, Inc. He stated that the house was built in 1932 and that the interior had been remodeled within the last three years. He also stated that to the best of his knowledge no hazardous materials have been used or stored at the site property. A backhoe and two cars were observed on the property during our site walk. Mr. Barnard was asked if the vehicles in question were abandoned or still in use, and he replied that they were only temporarily stored on the property. He also stated that he did not know whether or not the on-site domestic well had ever been tested for petroleum hydrocarbons.

2. On April 18, 2002, Mr. Bill Schellinger, the owner of the property was interviewed by Rafael Gallardo, of Gallardo & Associates, Inc. Mr. Schellinger was asked if he was aware of any UST’s on his property and he replied that there were never any aboveground or below ground UST’s on the property. He also stated, when asked, that the site was never used as a fruit orchard. According to Mr. Schellinger, the on-site house was remodeled approximately five years ago, which is the amount of time that he has owned the property. He also stated that the septic tank and piping are all new. When asked about the domestic well, Mr. Schellinger stated that the well was tested per drinking water standards approximately five years ago, and stated that the water was drinkable. However, the well was not tested for petroleum fuel hydrocarbons or lead scavengers.

IX. RESPONSE TO SITE INVESTIGATION QUESTIONNAIRE

**Question 13.** If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?

As stated in Section IV. of this report, the current occupant, Mr. Shannon Barnard, did not know whether or not the on-site domestic well had ever been tested for petroleum hydrocarbons. He did state however, that he drinks the water from the well and has not been adversely affected by it. However, because the site is located approximately 100 feet south of the McMinn Superfund Site area, it would be prudent to monitor the water quality of the existing well.

**Question 17.** Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below: CERCLIS List - within 0.5 mile (0.8 Km)?

Yes. According to the review data provided by EDR, there are four sites located between 1/4 and 1/2-a-mile from the site property. The sites are listed in the EDR report as the Almetco Site, the Acme Auto Wreckers, Inc. Site, the MS. Wilson Baugh Site, and The McMinn State Superfund Site. However, only the MS. Wilson Baugh and McMinn State Superfund Sites are located upgradient to crossgradient of the assessment site property, while the other two sites are located crossgradient to the assessment site. These sites are not likely to affect the assessment site. However, according to Mr. Ed Erdei, of NCRWQCB, the southern most end of the McMinn Super Fund Site is located approximately 100 feet from the site property. Therefore, it would be prudent to occasionally monitor the water quality of the creek and on-site well.
Question 18. **Do any of the following State record systems list the property or any property within the circumference of the area noted below: List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL - within the approximately 1.0 mile (1.6 Km)?**

Yes. There is one site, (the McMinn Super Fund Site) located upgradient of the assessment site property. The site is listed as a Bond Expenditure Plan (BEP). Again as stated in Question 17, this site is not likely to affect the assessment site. However, because the McMinn Super Fund Site covers such an extensive area (Roseland Avenue to Sebastopol Road and McMinn Ave to Sebastopol Road) and its’ southern most end is located within approximately 100 feet of the site property, it would be prudent to occasionally monitor the water quality of the creek and on-site well.

*List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to CERCLIS - within 0.5 mile (0.8 Km)?*

Yes, there are approximately 14 CHMIRS sites and approximately 37 CORTESE sites listed in the EDR report.

**CHMIRS sites** (sites where an accidental spill or release has occurred that involves some sort of hazardous material).

Yes, however, only two of the sites listed in the EDR report are located upgradient of the assessment site. One site reported a Malathion release to the air and the other was a solvent spill to the water. Neither of these sites are likely to have affected the assessment site.

**CORTESE sites**, (sites containing one or more of the following: Identified public drinking wells containing detectable levels of contamination, hazardous sites selected for some sort of remedial action, known toxic materials, underground storage fuel tanks that have had a reportable release, and all solid waste disposal facilities where there is a known plume migration).

Yes, there were 37 sites listed in the EDR report, however, 20 sites are located either a ½-mile away and/or are located downgradient of the assessment site and are not an environmental threat to the assessment site. Most of these sites (approximately 31) are listed as Leaking Underground Storage Tanks and are not likely to affect the assessment site. However, it would be prudent to occasionally monitor the water quality of the creek and on-site domestic well.

**Leaking Underground Storage Tanks (LUST) List - within 0.5 mile (0.8 Km)?**

Yes, there are approximately 30 LUST sites listed in the EDR report. However, only 12 of the sites are located upgradient to slightly crossgradient of the assessment site. Approximately seven of the 12 sites have been closed with a No Further Action letter, while approximately five are currently active. None of the currently active sites are likely to affect the assessment site. However, it would be prudent to occasionally monitor the water quality of the creek and on-site domestic well, (See Figure 3).

**IX.1. Owner Questionnaire**

None of the Questionnaire questions were answered with a yes.

**IX.2. Occupant Questionnaire**

None of the Questionnaire questions were answered with a yes.
X. CONCLUSIONS

Based on the current data base review, as well as the recent site visit, Gallardo & Associates, Inc. concludes the following:

- No visible hazardous materials or evidence of a buried UST were observed within the assessment site property lines, nor is the site in any immediate danger of becoming impacted by any hazardous materials emanating from any of the adjacent properties. However, Roseland Creek which flows in a southwestern direction and splits part of the northwest portion of the assessment site is a sensitive receptor and could be labeled as a Recognized environmental Condition (REC) that could, although not likely, transport hazardous materials such as petroleum fuel hydrocarbons or other chemicals related to the McMinn Super Fund Site through the northwestern section of the assessment site.

XI. RECOMMENDATIONS

Based on the data reviewed and the site visit conducted on April 11, 2002, Gallardo & Associates, Inc. presents the following recommendation:

- Because the southern most end of the McMinn SuperFund site is located within approximately 100 feet of the assessment site, in the inferred upgradient to crossgradient direction, it would be prudent to occasionnally monitor the water quality of the creek and the existing on-site domestic well for petroleum hydrocarbons and chloronated solvents until the McMinn SuperFund Site is remediated. The domestic well could also be properly abandoned.

XII. LIMITATION

This report was prepared by Gallardo & Associates, Inc. under the professional direction and review of the person whose name and seal are shown on the signature page located at the front of this report.

The recommendations and professional opinions presented herein, are within the limits prescribed by the client, ASTM Standard Practice E1528-00, and the industry Standard of Practice. There is no other warranty either expressed or implied.

XIII. REFERENCES CITED

The EDR Radius Map with GeoCheck for 1400 Burbank Avenue in Santa Rosa, California, dated April 8, 2002, by Environmental Data Resources, Inc. (EDR).
APPENDIX A

EDR Report
The EDR Radius Map
with GeoCheck®

1400 Burbank Ave
1400 Burbank Ave
Santa Rosa, CA 95401

Inquiry Number: 755802.4s

April 08, 2002

The Source
For Environmental
Risk Management
Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com
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<td>Map Findings</td>
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## GEOCHECK ADDENDUM

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<td>A-9</td>
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<td>A-22</td>
</tr>
</tbody>
</table>

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

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

TARGET PROPERTY INFORMATION

ADDRESS

1400 BURBANK AVE
SANTA ROSA, CA 95401

COORDINATES

Latitude (North): 38.424869 - 38° 25' 29.5"
Longitude (West): 122.734551 - 122° 44' 4.4"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 523171.2
UTM Y (Meters): 4252783.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2438122-D6 SANTA ROSA, CA
Source: USGS 7.5 min quad index

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

FEDERAL ASTM STANDARD

NPL ......................... National Priority List
Proposed NPL ................ Proposed National Priority List Sites
CERC-NFRAP ............... CERCLIS No Further Remedial Action Planned
CORRACTS ................. Corrective Action Report
RCRIS-TSD ................. Resource Conservation and Recovery Information System
RCRIS-SQG ................. Resource Conservation and Recovery Information System
ERNS ....................... Emergency Response Notification System

STATE ASTM STANDARD

AWP ......................... Annual Workplan Sites
Toxic Pits ................... Toxic Pits Cleanup Act Sites
SWFLF ....................... Solid Waste Information System
WMUDS/SWAT ............... Waste Management Unit Database
UST ......................... List of Underground Storage Tank Facilities

FEDERAL ASTM SUPPLEMENTAL

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

ROD ........................................ Records Of Decision
Delisted NPL ......................... National Priority List Deletions
FINDS ......................... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS .......................... Hazardous Materials Information Reporting System
MLTS ......................... Material Licensing Tracking System
MINES ......................... Mines Master Index File
NPL Liens ......................... Federal Superfund Liens
PADS ......................... PCB Activity Database System
RAATS ......................... RCRA Administrative Action Tracking System
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)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST ......................... Aboveground Petroleum Storage Tank Facilities
CLEANERS ..................... Cleaner Facilities
CA WDS ......................... Waste Discharge System
DEED ........................ List of Deed Restrictions

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas ..................... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL ASTM STANDARD

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

A review of the CERCLIS list, as provided by EDR, and dated 11/21/2001 has revealed that there are 4 CERCLIS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higer Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
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<td>ALMETCO</td>
<td>1733 SEBASTOPOL ROAD</td>
<td>1/4 - 1/2 NW</td>
<td>F23</td>
<td>20</td>
</tr>
</tbody>
</table>

TC755802.4s  EXECUTIVE SUMMARY 2
EXECUTIVE SUMMARY

Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page
---|---|---|---|---
**ACME AUTO WRECKERS**  
BAUGH, MS. WILSON  
MCMINN STATE SUPERFUND SITE  
| 1885 SEBASTOPOL ROAD  
805 SEBASTOPOL RD.  
SEBASTOPOL ROAD / WEST | 1/4 - 1/2 WNW L41  
1/4 - 1/2 NE R62  
1/4 - 1/2 NE R63 | 35  
55  
57 |

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LOQ list, as provided by EDR, and dated 06/21/2000 has revealed that there is 1 RCRIS-LOQ site within approximately 0.25 miles of the target property.

Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page
---|---|---|---|---
**PACIFIC BELL**  
| 1290 SEBASTOPOL ROAD | 1/8 - 1/4 N | D10 | 12 |

**STATE ASTM STANDARD**

**CAL-SITES:** Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 17 Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page
---|---|---|---|---
**WESCOTTS AUTO & TRUCK**  
MCMINN AVENUE  
S.W. BROWN  
ALMETCO  
**ACME AUTO WRECKERS, INC**  
COAST AUTO WRECKING  
SHELL OIL WHOLSALE PLANT  
SANTA ROSA CIRCUITS  
C D BATTERIES DIV OF ELTRA C  
SQUARE DEAL AUTO WRECKING  
SANTA ROSA PLATING WORKS  
MC GOWEN AUTO WRECKERS  
POINT ST. GEORGE FISHERIES  
FOUCHE BROS  
CITY OF SANTA ROSA PUBLIC WORK  
SONOMA CO. INDIAN HEALTH PROJE  
| 1569 SEBASTOPOL RD  
841 MCMINN AVENUE  
1175 SEBASTOPOL ROAD  
1733 SEBASTOPOL RD  
949 SEBASTOPOL RD  
257 DUTTON  
35 / 48 WEST BARHAM AVE  
265 ROBERTS AVE  
214 ROBERT AVENUE  
80 BARHAM  
116 HOLBROOK STREET  
8 SEBASTOPOL ROAD  
2290 DUTTON AVENUE  
130 WEST THIRD STREET  
144 STONY POINT ROAD  
REDWOOD CHEMICAL  
| 1/8 - 1/4 NNE C6  
1/4 - 1/2 NNE 15  
1/4 - 1/2 NNE E18  
1/4 - 1/2 NW F21  
1/4 - 1/2 NW L39  
1/2 - 1 E W86  
1/2 - 1 E Y90  
1/2 - 1 NE Z96  
1/2 - 1 NE Z98  
1/2 - 1 E 99  
1/2 - 1 NE 100  
1/2 - 1 E NE AA102  
1/2 - 1 SE 104  
1/2 - 1 NE 106  
1/2 - 1 NNW 112  
2450 STONEY POINT ROAD  
| 8  
15  
16  
19  
46  
71  
73  
79  
81  
82  
82  
83  
85  
90  
93  
97  | 81 |

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

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 14 CHMIRS sites within approximately 1 mile of the target property.
**EXECUTIVE SUMMARY**

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</table>

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

A review of the Cortes list, as provided by EDR, has revealed that there are 37 Cortes sites within approximately 1 mile of the target property.

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<tr>
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<td>WITHERS CAR WASH</td>
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<td>TRIPLE S TIRES</td>
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<tr>
<td>CHANG, KEVIN</td>
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<td>NOR CAL GLASS COMPANY</td>
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<td>JACK SMITH GLASS &amp; SASH</td>
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<td>EXCHANGE BANK</td>
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TC755602.4s EXECUTIVE SUMMARY 4
## EXECUTIVE SUMMARY

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

A review of the Notify 65 list, as provided by EDR, has revealed that there are 15 Notify 65 sites within approximately 1 mile of the target property.

<table>
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<tr>
<td>ANDY BONDI</td>
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### LOWER ELEVATION:

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

A review of the LUST list, as provided by EDR, and dated 01/17/2002 has revealed that there are 30 LUST sites within approximately 0.5 miles of the target property.

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EXECUTIVE SUMMARY

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**BEP:** Bond Expenditure Plan comes from the Department of Health Services.

A review of the CA BOND EXP PLAN list, as provided by EDR, has revealed that there is 1 CA BOND EXP PLAN site within approximately 1 mile of the target property.

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

A review of the CA FID UST list, as provided by EDR, has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

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<th>Dist / Dir</th>
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**HIST UST:** Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

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EXECUTIVE SUMMARY

STATE OR LOCAL ASTM SUPPLEMENTAL

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

A review of the CA SLIC list, as provided by EDR, has revealed that there are 8 CA SLIC sites within approximately 0.5 miles of the target property.

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HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 6 HAZNET sites within approximately 0.25 miles of the target property.

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# MAP FINDINGS SUMMARY

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<th>1/8 - 1/4</th>
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<td>NR</td>
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**EDR PROPRIETARY HISTORICAL DATABASES**

| Coal Gas   | 1.000           | 0                       | 0     | 0         | 0         | NR      | 0   |
| AQUIFLOW   | see EDR Physical Setting Source Addendum |

TP = Target Property  
NR = Not Requested at this Search Distance  
* Sites may be listed in more than one database
Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
NE
958 MCMINN AVENUE
SANTA ROSA, CA 95407
1/8-1/4
972
Higher

CHMIRS: S100276310
N/A

OES Control Number: 9099165
DOT ID: 2783
DOT Hazard Class: Poisonous and etiologic (infectious) material
Chemical Name: MALATHION
Extent of Release: Not reported
CAS Number: Not reported
Quantity Released: .1
Environmental Contamination: Air
Property Use: Residential
Incident Date: 28-APR-90
Date Completed: 28-APR-90

A2
NNW
MCMINN AVENUE
ROSELAND AREA
SANTA ROSA, CA 95401
1/8-1/4
1123
Higher
Site 1 of 2 in cluster A

CA BOND EXP. PLAN: S100833365
N/A

B3
North
CTY SANTA ROSA/ROSELAND FIRE PRTCTN DIST
830 BURBANK AVE
SANTA ROSA, CA 95407
1/8-1/4
1136
Higher
Site 1 of 2 in cluster B

HAZNET: S103673705
N/A

Gepaid: CAC001162166
Tepaid: CAL000027741
Gen County: Sonoma
Tsd County: 5
Tons: 8428
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: CITY OF SANTA ROSA
Telephone: (707) 543-3710
Mailing Address: 55 STONEY POINT RD ATTN:MSCN
SANTA ROSA, CA 95407
County Sonoma

B4
North
821 BURBANK AVENUE
SANTA ROSA, CA 95407
1/8-1/4
1157
Higher
Site 2 of 2 in cluster B

CHMIRS: S100277903
N/A

TC755802.4s Page 6
### WITHERS CAR WASH

**Address:** SEBASTOPOL ROAD 1450, SANTA ROSA, CA 95407

**Cluster:** A, Site 2 of 2 in cluster A

<table>
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<th>Value</th>
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<td>North Coast Region</td>
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<td>Chemical:</td>
<td>Gasoline</td>
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<td>Regional Board</td>
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<tr>
<td>Status:</td>
<td>Signed off, remedial action completed or deemed unnecessary</td>
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<tr>
<td>County:</td>
<td>Sonoma</td>
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<tr>
<td>Abate Method:</td>
<td>No Action Required - incident is minor, requiring no remedial action</td>
</tr>
<tr>
<td>Review Date:</td>
<td>9/2/1987</td>
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<tr>
<td>Workplan:</td>
<td>12/4/1988</td>
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<tr>
<td>Pollution Char:</td>
<td>9/19/1989</td>
</tr>
<tr>
<td>Remed Action:</td>
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<td>Oversight Prgm:</td>
<td>RB Lead Underground Storage Tank</td>
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**LUST: HAZNET**

**ID Number:** S102441332, **Cortese:** N/A
WITHERS CAR WASH (Continued)

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<td>Waste Disch Assigned Name:</td>
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LUST Region 1:
- Facility ID: 17SO090
- Region: 1
- Staff Initials: Closed

HAZNET:
- Gepaid: CAL000093522
- Tapaid: CAD960987418
- Gen County: Sonoma
- Tsd County: 1
- Tons: 11.4675
- Category: Waste oil and mixed oil
- Disposal Method: Not reported
- Contact: KESSON CO, INC
- Telephone: (000) 000-0000
- Mailing Address: 1450 SEBASTOPOL RD
- SANTA ROSA, CA 95407
- County: Sonoma

CORTESE:
- Reg id: 17SO090
- Region: CORTESE
- Reg By: Leaking Underground Storage Tanks

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<th>1/8-1/4</th>
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<td>WESCONS AUTO &amp; TRUCK</td>
<td>1569 SEBASTOPOL RD</td>
<td>Facility ID: 49500010</td>
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<td></td>
<td>SANTA ROSA, CA 95407</td>
<td>Status: REFW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD</td>
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<td>SIC: 50 WHOLESALE TRADE - DURABLE GOODS</td>
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WESCOTTS AUTO & TRUCK (Continued)

Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

HAZNET:
Gepaid: CAL000016435
Tepaid: CAD009452657
Gen County: Sonoma
Tsd County: San Mateo
Tons: .3961
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: BOB WESCOTT (PRESIDENT)
Telephone: (000) 000-0000
Mailing Address: 1569 SEASTOPOL RD
SANTA ROSA, CA 95407
County: Sonoma

Gepaid: CAL000016435
Tepaid: CAT080013352
Gen County: Sonoma
Tsd County: Los Angeles
Tons: .4587
Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: BOB WESCOTT (PRESIDENT)
Telephone: (000) 000-0000
Mailing Address: 1569 SEASTOPOL RD
SANTA ROSA, CA 95407
County: Sonoma

Gepaid: CAL000016435
Tepaid: CAT080013352
Gen County: Sonoma
Tsd County: Los Angeles
Tons: .8757
Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: BOB WESCOTT (PRESIDENT)
Telephone: (000) 000-0000
Mailing Address: 1569 SEASTOPOL RD
SANTA ROSA, CA 95407
County: Sonoma
**WESCOTTS AUTO & TRUCK (Continued)**

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</tr>
<tr>
<td>Telephone</td>
<td>(000) 000-0000</td>
</tr>
<tr>
<td>Mailing Address</td>
<td>1569 SEASTOPOL RD</td>
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<tr>
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<td>SANTA ROSA, CA 95407</td>
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<td>Sonoma</td>
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<td>Gepaid</td>
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<td>Sonoma</td>
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The CA HAZNET database contains 5 additional records for this site. Please contact your EDR Account Executive for more information.

| SLIC Region 1:   | |
| Facility ID:     | 1NSR285   |
| Region:          | 1         |
| Staff Initial:   | SKB       |

**WESCOTTS BOB AUTO & TRUCK PRT**

**Site 2 of 4 in cluster C**

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<td>Lead Agency: Regional Board</td>
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<td>Local Agency : 49060</td>
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<td>Case Type: Undefined</td>
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<td>Status: Leak being confirmed</td>
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<td>County: Sonoma</td>
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<td>Abate Method: Unknown - action taken at site is unknown</td>
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<tr>
<td>Review Date: 8/1/1994</td>
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<td>Workplan: Not reported</td>
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<td>Pollution Char: Not reported</td>
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<tr>
<td>Remed Action: Not reported</td>
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<td>Release Date: 8/1/1994</td>
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<td>Cleanup Fund Id : Not reported</td>
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| Confirm Leak: 8/1/1994 |
| Prelim Assess: Not reported |
| Remed Plan: Not reported |
| Monitoring: Not reported |
**WESCOTT'S BOB AUTO & TRUCK PRT (Continued)**

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**C6**

**TADDEIS MACHINE SHOP**

1580 SEBASTOPOL RD
SANTA ROSA, CA 95407

Site 3 of 4 in cluster C

**HAZNET**

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**EDR ID Number**

S105051157

**Database(s)**

**HAZNET**

S103633383

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| D10 PACIFIC BELL | FINDS | 1000250656 |
| North |             | RCRIS-LOGG | CAD981167281 |
| 1290 SEBASTOPOL ROAD |         |           |               |
| SANTA ROSA, CA 95401 |         |           |               |
| Site 2 of 6 in cluster D |         |           |               |

| C11 GARDEN TANNER PRINTING | HAZNET | S100862776 |
| NW |             | N/A        |
| 1611 SEBASTOPOL RD |         |           |
| SANTA ROSA, CA 95407 |         |           |
| Site 4 of 4 in cluster C |         |           |
GARDEN TANNER PRINTING (Continued)

HAZNET:
- Gnpaid: CAL000095595
- Texpaid: CAD08161367
- Gen County: Sonoma
- Tsd County: Marin
- Tons: .0834
- Category: Photochemicals/photoprocessing waste
- Disposal Method: Not reported
- Contact: Not reported
- Telephone: (000) 000-0000
- Mailing Address: 1611 SEASTOPOLE RD
- County: Sonoma

D12
North
1/8-1/4
1286
Higher
Site 3 of 6 in cluster D

UST HIST:
- Facility ID: 23650
- Tank Num: 1
- Tank Capacity: 1000
- Tank Used for: PRODUCT
- Type of Fuel: RFG II AR
- Leak Detection: Visual, Stock Inventor
- Contact Name: DAN O'MARA, BRANCH MANAGER
- Total Tanks: 1
- Facility Type: 2
- Container Num: #1
- Year Installed: 1978
- Tank Construction: 10 gauge
- Telephone: (707) 544-3434
- Region: STATE
- Other Type: WHOLESALER

D13
North
1/8-1/4
1286
Higher
Site 4 of 6 in cluster D

D14
North
SEASTOPOLE ROAD 1289
1/8-1/4
1291
Higher
Site 5 of 6 in cluster D

State LUST:
- Cross Street: Not reported
- Qty Leaked: Not reported
- Case Number: 1TS0030
- Reg Board: North Coast Region
- Chemical: Gasoline
- Lead Agency: Regional Board
- Local Agency: 49000
- Case Type: Aquifer affected
- Status: Pollution characterization
- County: Sonoma
- Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
- Review Date: 9/2/1987
- Confirm Leak: 9/2/1987

EDR ID Number: S100862776
HIST UST: U001609377 N/A
CA FID UST: S101630610 N/A
LUST Cortese S104164497 N/A
SLAKEY BROTHERS (Continued)

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- Facility ID: 1T50030
- Region: 1
- Staff Initials: WTE

LUST Sonoma County:
- Facility Id: 00001932
- Region: SONOMA
- Reported: 08/13/86
- Date Closed: 06/01/92
- Regional Board: North Coastal Regional Water Quality Board
SLAKEY BROTHERS (Continued)

Closed/Referred: R

CORTES:
Reg Id: 1TS0030
Region: CORTES
Reg By: Leaking Underground Storage Tanks

15
MCMINN AVENUE
NNE
841 MCMINN AVENUE
1/4 -1/2
SANTA ROSA, CA 95401
1336
Higher

CAL-SITES:
Facility ID: 49280005
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Date: 11/1/1994
Lead: RWQCB
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: REGIONAL WATER QUALITY CONTROL BOARD
NPL: Not Listed
SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS
Facility Type: RESPONSIBLE PARTY
Type Name: RP
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: 23.01
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
No. of Contamination Sources: 2
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

16
SEBASTOPAL B.P.
NNE
760 SEBASTOPAL
1/4 -1/2
SANTA ROSA, CA 93582
1349
Higher

NOTIFY 65:
Date Reported: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Staff Initials: Not reported
### D17: Wilson Baugh Enterprises
- **Location:** 805 Sebastopol, SANTA ROSA, CA 95401
- **Cluster:** D
- **Date Reported:** Not reported
- **Board File Number:** Not reported
- **Facility Type:** Not reported
- **Discharge Date:** Not reported
- **Incident Description:** 93582

### E18: S.W. Brown
- **Location:** 1175 Sebastopol Road, SANTA ROSA, CA 95401
- **Cluster:** E
- **Date Reported:** Not reported
- **Board File Number:** Not reported
- **Facility Type:** Not reported
- **Discharge Date:** Not reported
- **Incident Description:** 93582

### E19: Taylor Bus Company
- **Location:** Sebastopol Road 1175, SANTA ROSA, CA
- **Cluster:** E
- **Date Reported:** Not reported
- **Board File Number:** Not reported
- **Facility Type:** Not reported
- **Discharge Date:** Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.
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### Taylor Bus Company (Continued)

**LUST Region 1:**
- Facility ID: 1TSQ271
- Region: 1
- Staff Initials: WTE

**CORTESE:**
- Reg Id: 1TSQ271
- Region: CORTESE
- Reg By: Leaking Underground Storage Tanks

---

**Quick Stop Market**
- **NNE:** McMinn Avenue 816
- **1/4-1/2:** Santa Rosa, CA 95407
- **1455:** Higher

**State LUST:**
- Cross Street: Not reported
- Oty Leaked: Not reported
- Case Number: 1TSQ275
- Reg Board: North Coast Region
- Chemical: Gasoline
- Lead Agency: Regional Board
- Local Agency: 49060
- Case Type: Drinking water wells have been affected
- Status: Pollution characterization
- County: Sonoma
- Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

**Review Date:** 5/21/1993
**Workplan:** 4/1/1994
**Pollution Char:** Not reported
**Remed Action:** Not reported
**Close Date:** Not reported
**Release Date:** 1/1/1992
**Cleanup Fund Id:** Not reported
**Discover Date:** 1/1/1992
**Enforcement Dt:** 8/17/2001
**Enf Type:** LTR
**Enter Date:** 1/1/1992
**Funding:** Responsible Party
**Staff Initials:** Not reported
**How Discovered:** Other Means
**How Stopped:** Other Means
**Interim:** Yes
**Leak Cause:** Corrosion
**Leak Source:** Tank
**MTBE Date:** 4/14/1998
**Max MTBE GW:** 600
**MTBE Tested:** MTBE Detected. Site tested for MTBE & MTBE detected
**Priority:** Not reported
**Local Case #:** Not reported
**Beneficial:** Not reported
**Staff:** WTE
**GW Qualifies:** =
**Max MTBE Soil:** 10
**Soil Qualifies:** =
**Hyd Basin #:** RUSSIAN RIVER
**Operator:** QUICK STOP MARKET
**Oversight Prgm:** RB Lead Underground Storage Tank

**LUST** S101304942
**Cortese** N/A
QUICK STOP MARKET (Continued)

Oversight Prgm: UST
Review Date: 1/4/2001
Stop Date: 1/1/1992
Work Suspended: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0609700721
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 838.9614940452870456200736157
Waste Discharge Global Id: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 1:
Facility ID: 1TSR275
Region: 1
Staff Initials: WTE

COTRESE:
Reg Id: 1TSR275
Region: COTRESE
Reg By: Leaking Underground Storage Tanks

ALMETCO
1733 SEBASTOPOL RD
SANTA ROSA, CA 95401
1/4-1/2
1459
Higher
Site 1 of 3 in cluster F

CAL-SITES:
Facility ID: 49330001
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Date: 09/27/1993
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 33 MANU - PRIMARY METAL INDUSTRIES
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
ALMETCO (Continued)

State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

F22
NW 1733 SEASTOPOL ROAD
1/4-1/2 SANTA ROSA, CA 95405
1459 Higher

Site 2 of 3 in cluster F

CORTESCE:
- Reg Id: 1T5O4063
- Region: CORTESCE
- Reg By: Leaking Underground Storage Tanks

- Reg Id: 1B870290NSL
- Region: CORTESCE
- Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

F23
NW 1733 SEASTOPOL ROAD
1/4-1/2 SANTA ROSA, CA 95407
1459 Higher

Site 3 of 3 in cluster F

CERCLIS Classification Data:
- Site Incident Category: Not reported
- Non NPL Status: SR
- Ownership Status: Private

CERCLIS Assessment History:
- Assessment: DISCOVERY
- Assessment: PRELIMINARY ASSESSMENT
- Assessment: SITE INSPECTION

CERCLIS Site Status: Low

FINDS:
- Other Pertinent Environmental Activity Identified at Site: 
  Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

State LUST:
- Cross Street: Not reported
- Qty Leaked: Not reported
- Case Number: 1NSO463
- Reg Board: North Coast Region
- Chemical: Solvents
- Lead Agency: Regional Board
- Local Agency: Not reported
- Case Type: Drinking water wells have been affected
- Status: Preliminary site assessment workplan submitted
- County: Sonoma
- Review Date: Not reported
- Workplan: Not reported
- Pollution Char: Not reported
- Remed Action: Not reported
- Close Date: Not reported
- Release Date: 8/30/1991

Confirm Leak: Not reported
Preim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

EDR ID Number: 1000727888
Cortese S101304962 N/A

EDR ID Number: 1000707592
CERCLIS FINDS LUST
FINDS CAD983644956
ALMETCO (Continued)

Cleanup Fund Id: Not reported
Discover Date: 6/12/2001
Enforcement Dt: 1/1/1995
Enf Type: Cleanup and Abatement Orders
Enter Date: 6/12/2001
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date: 1/1/1995
Max MTBE GW: 0
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IRR, DOM
Staff: SKB
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: ALMETCO, INC.
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm: SLIC
Review Date: Not reported
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0609791135
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtb Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 1126.764980326908651141738545
Waste Discharge Global Id: Not reported
Waste Disch Assigned Name: Not reported

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TSO463
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Drinking water wells have been affected
Status: Preliminary site assessment underway
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 8/30/1991
Workplan: 4/27/2001
Pollution Char: Not reported
Remed Action: Not reported
Confirm Leak: 8/30/1991
Remed Plan: Not reported
Monitoring: Not reported

1000707592
ALMETCO (Continued)

Close Date: Not reported
Release Date: 8/30/1991
Cleanup Fund Id: Not reported
Discover Date: 8/30/1991
Enforcement Dt: 1/1/1965
Enf Type: Cleanup and Abatement Orders
Enter Date: 8/30/1991
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: 3/1/1999
Max MTBE GW: 21
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: B
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: SKB
GW Qualifies: =
Max MTBE Soil: 1
Soil Qualifies: <
Hydr Basin #: RUSSIAN RIVER
Operator: JOHN J. AND MARY A. SWEETMAN
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm: UST
Review Date: 12/27/2000
Stop Date: 8/30/1991
Work Suspended: Not reported
Responsible Party: JOHN J. AND MARY A. SWEETMAN
RP Address: Not reported
Global Id: T0609700329
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 1379.4968522565552023698029141
Waste Discharge Global Id: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 1:
Facility ID: 1TSO463
Region: 1
Staff Initials: SKB

ROSELAND PAINT CENTER
NNE
1160 SEBASTOPOL RD
SANTA ROSA, CA 95407

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1NSO272

CA FID UST: S101627376
LUST: N/A
ROSELAND PAINT CENTER (Continued)

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TRIPLE S TIRES
SEBASTOPOL ROAD 1124
SANTA ROSA, CA 95407

Site 1 of 3 in cluster G

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TS0515
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Drinking water wells have been affected
Status: Pollution characterization
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 7/31/1992
Workplan: 1/23/1995
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 7/14/1992
Cleanup Fund Id: Not reported
Discover Date: 7/14/1992
Enforcement Dt: 8/17/2001
Enl Type: LTR
Enter Date: 7/31/1992
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: No
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date: 4/14/1998
Max MTBE GW: 1800
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: WTE
GW Qualifies: =
Max MTBE Soil: 0.081
Soil Qualifies: =
Hydr Basin #: RUSSIAN RIVER
Operator: DONALD & SARAH LAMP
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm: UST
Review Date: 3/16/2001
Stop Date: 7/14/1992
Work Suspended: Not reported
Responsible Party: DONALD & SARAH LAMP
RP Address: Not reported
Global Id: 069700364
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2

Confirm Leak: 7/31/1992
Prelim Assess: 1/23/1995
Remed Plan: Not reported
Monitoring: Not reported
TRIPLE S TIRES (Continued)

Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 684.09756752749057170951376525
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 1:
Facility ID: 1TS0515
Region: 1
Staff Initials: WTE

HAZNET:
Gepaid: CAL000017359
Tepaid: CAD058494310
Gen County: Sonoma
Tsd County: Santa Clara
Tons: 2500
Category: Unspecified oil-containing waste
Disposal Method: Disposal, Other
Contact: JAVIER CEJA/PARTNER
Telephone: (707) 545-9567
Mailing Address: 1124 SEBASTOPOL
SANTA ROSA, CA 95407
County
Sonoma

CORTESE:
Reg Id: 1B1SO539NUG
Region: CORTESE
Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

Reg Id: 1TS0515
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

COTTAGE BAR
SEBASTOPOL ROAD 1099
SANTA ROSA, CA

G26
NNE
1/4-1/2
1584
Higher
Site 2 of 3 in cluster G
SLIC Region 1:
Facility ID: 1NS0516
Region: 1
Staff Initial: Facility Closed

COTTAGE BAR
1099 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

G27
NNE
1/4-1/2
1584
Higher
Site 3 of 3 in cluster G
State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 1NS0516
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
COTTAGE BAR (Continued)

Local Agency: 49000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 7/31/1992
Workplan: 7/13/1994
Pollution Char: 7/13/1994
Remed Action: 7/13/1994
Close Date: 7/13/1994
Release Date: 7/14/1992
Cleanup Fund Id: Not reported
Discover Date: 7/14/1992
Enforcement Dt: 7/31/1992
Enf Type: Not reported
Enter Date: 7/31/1992
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: No
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE, Includes Unknown and Not Analyzed
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: Not reported
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: GERALD A. BRESTER
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm: SLIC
Review Date: 4/9/1998
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: GERALD A. BRESTER
RP Address: Not reported
Global Id: T0609793273
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
MTBE Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 781.15719522533908574321063162
Waste Discharge Global Id: Not reported
Waste Disch Assigned Name: Not reported

H28 ITT CONTINENTAL BAKING CO
WWN 1810 SEBASTOPOL RD
1/4-1/2 SANTA ROSA, CA 95407
1604 Higher Site 1 of 3 in cluster H

LUST S104163216
N/A
### ITT CONTINENTAL BAKING CO (Continued)

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<td>North Coastal Regional Water Quality Board</td>
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### H29

**INTERSTATE BRANDS CORPORATION**

1840 SEBASTOPOL RD

1/4-1/2

SANTA ROSA, CA 95401

**HAZNET**

Cortese S103637597

| Gepaid: | CAR000005454 |
| Tepaid: | CAD059494310 |
| Gen County: | Sonoma |
| Tsd County: | Santa Clara |
| Tons: | 3.6000 |
| Category: | Other organic solids |
| Disposal Method: | Disposal, Other |
| Contact: | INTERSTATE BRANDS CORPORATION |
| Telephone: | (415) 552-0950 |
| Mailing Address: | PO BOX 2709 |
| County | Sonoma |

| Gepaid: | CAR000005454 |
| Tepaid: | CAD982444481 |
| Gen County: | Sonoma |
| Tsd County: | San Bernardino |
| Tons: | .5000 |
| Category: | Other organic solids |
| Disposal Method: | Transfer Station |
| Contact: | INTERSTATE BRANDS CORPORATION |
| Telephone: | (415) 552-0950 |
| Mailing Address: | PO BOX 2709 |
| County | Sonoma |

**CORTESCE:**

- Reg Id: 1TSR168
- Region: CORTESE
- Reg By: Leaking Underground Storage Tanks

---

### H30

**CONTINENTAL BAKING COMPANY**

SEBASTOPOL ROAD 1840

1/4-1/2

SANTA ROSA, CA 95407

**LUST** S101309846

| State LUST: Cross Street: | Not reported |
| Qty Leaked: | Not reported |
| Case Number: | 1TSR168 |
| Reg Board: | North Coast Region |
| Chemical: | Diesel |
| Lead Agency: | Regional Board |
CONTINENTAL BAKING COMPANY (Continued)

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**NOTIFY 65:**

- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Incident Description: 93582

| I32  | Notify 65   | S100179511    | N/A           |
| West |             |               |               |
| 1834 ROSE AVENUE |       | SANTA ROSA, CA 93582 | |
| Site 2 of 2 in cluster I |

**NOTIFY 65:**

- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Incident Description: 93582

| J33  | LUST        | S105050931    | N/A           |
| NNE  |             |               |               |
| 1050 SEBASTOPOL ROAD |       | SANTA ROSA, CA 95407 | |
| Site 1 of 2 in cluster J |

**State LUST:**

- Cross Street: Not reported
- Qty Leaked: Not reported
- Case Number: 1NSR291
- Reg Board: North Coast Region
- Chemical: Gasoline
- Lead Agency: Regional Board
- Local Agency: 49000
- Case Type: Soil only
- Status: Signed off, remedial action completed or deemed unnecessary
- County: Sonoma
- Abate Method: Unknown - action taken at site is unknown

**Confirm Leak:**

- Review Date: 12/9/1994
- Workplan: 2/10/1998
- Pollution Char: 2/10/1998
- Remed Action: 2/10/1998
- Close Date: 2/10/1998
- Release Date: 12/9/1994
- Cleanup Fund Id: Not reported
- Discover Date: 12/9/1994
- Enforcement Dt: 12/9/1994
- Enf Type: Not reported
- Enter Date: 12/9/1994
- Funding: Responsible Party
- Staff Initials: Not reported
- How Discovered: Other Means
- How Stopped: Other Means
- Interim: No

TC755802.4s  Page 29
GARDENER'S AID (Continued)

Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: 1/1/1995
Max MTBE GW: 5
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: <
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: GARDENER'S AID
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm: SLIC
Review Date: 1/12/1999
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0609793355
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mte Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 950.7013112066227471912334606
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

J34  CA SLIC  S101316036  N/A
NNE  SEBASTOPOL ROAD 1050
1/4-1/2  SANTA ROSA, CA
1697  Higher
Site 2 of 2 in cluster J
SLIC Region 1:
  Facility ID: 1NSR291
  Region: 1
  Staff Initial: Facility Closed

K35  Cortese  S105036286  N/A
NW  1599 HAMPTON WAY
1/4-1/2  SANTA ROSA, CA  95407
1701  Higher
Site 1 of 6 in cluster K
CORTESE:
  Reg Id: 1TSO082
  Region: CORTESE
  Reg By: Leaking Underground Storage Tanks
MAP FINDINGS

K36  FRONTIER ELECTRIC
NW  1599 HAMPTON WAY
1/4-1/2  SANTA ROSA, CA 95407
1701
Higher  Site 2 of 6 in cluster K

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TS0082
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Pollution characterization
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 8/28/1987
Confirm Leak: 8/28/1987
Workplan: 2/7/2000
Prelim Assess: 2/7/2000
Pollution Char: Not reported
Remed Action: Not reported
Remed Plan: Not reported
Close Date: Not reported
Monitoring: Not reported
Release Date: 8/24/1987
Discover Date: 8/24/1987
Enforcement Dt: 8/17/2001
Enf Type: LTR
Enter Date: 8/24/1987
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Intim : No
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date: 9/11/2000
Max MTBE Gw: 0.61
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff : SKB
GW Qualifies : =
Max MTBE Soil: 0.005
Soil Qualifies : <
Hydr Basin #: RUSSIAN RIVER
Operator : FRONTIER ELECTRIC
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm: UST
Review Date : 12/13/2000
Stop Date : 8/24/1987
Work Suspended : Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0609700055
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
FRONTIER ELECTRIC (Continued)

Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 937.6371849743980168875702345
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

UST HIST:
Facility ID: 65501
Tank Num: 1
Tank Capacity: 2000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Leak Detection: Visual, Stock Inventor
Contact Name: LARRY LEEPIN
Total Tanks: 2
Facility Type: 2
Facility ID: 65501
Tank Num: 2
Tank Capacity: 550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Leak Detection: Visual, Stock Inventor
Contact Name: LARRY LEEPIN
Total Tanks: 2
Facility Type: 2

Container Num: #1
Year Installed: 1970
Tank Construction: 10 gauge
Telephone: (707) 546-1553
Region: STATE
Other Type: ELECTRIC

K37
NW
1/4-1/2
1703
Higher

FRONTIER ELECTRIC
HAMPTON WAY 1599
SANTA ROSA, CA 95407

Site 3 of 6 in cluster K

LUST Region 1:
Facility ID: 1TS0082
Region: 1
Staff Initials: SKB

K38
NNW
1/4-1/2
1719
Higher

WOOD, TALMDGE
HAMPTON WAY 1594
SANTA ROSA, CA 95407

Site 4 of 6 in cluster K

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TS0110
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 9/30/1987
Confirm Leak: 9/30/1987
WOOD, TALMADGE (Continued)

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<p>| L40     | ACME AUTO WRECKERS INC.   | LUST          | S105050900    |
| WNW     | 1885 SEBASTOPOL ROAD      |               | N/A           |
| 1/4-1/2 | SANTA ROSA, CA 95407      |               |               |
| 1759    | Higher                    |               |               |
|         | Site 2 of 3 in cluster L |               |               |
|         | State LUST:              |               |               |
|         | Cross Street: Not reported | | |
|         | City Leaked: Not reported | | |
|         | Case Number: 1NSR126      |               |               |
|         | Reg Board: North Coast Region | | |
|         | Chemical: 12034/13        |               |               |
|         | Lead Agency: Regional Board | | |
|         | Local Agency: 49060       |               |               |
|         | Case Type: Aquifer affected | | |
|         | Status: Pollution characterization | | |
|         | County: Sonoma            |               |               |
|         | Abate Method: No Action Required - incident is minor, requiring no remedial action | | |</p>
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<td>SKB</td>
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<tr>
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<td>MICHAEL MARQUIS</td>
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<td>Oversight Prgm</td>
<td>Spills, Leaks, Investigations and Cleanup UST</td>
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<td>Waste Disch Assigned Name</td>
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</table>
ACME AUTO WRECKERS (Continued)

CERCLIS Classification Data:
Site Incident Category: Not reported
Non NPL Status: SR
Ownership Status: Private

CERCLIS Assessment History:
Assessment: DISCOVERY
Completed: 06/22/1992
Assessment: PRELIMINARY ASSESSMENT
Completed: 07/28/1994
Assessment: SITE INSPECTION
Completed: 08/27/1995

CERCLIS Site Status: High

FINDS:
Other Pertinent Environmental Activity Identified at Site:

HAZNET:
Gepaid: CAL000081819
Tepaid: NVD982355463
Gen County: Sonoma
Tsd County: 99
Tons: .9174
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: MICHAEL J MARQUIS
Telephone: (000) 000-0000
Mailing Address: 1885 SEBASTOPOL RD
SANTA ROSA, CA 95407
County Sonoma

Gepaid: CAL000081819
Tepaid: CAD982446866
Gen County: Sonoma
Tsd County: Solano
Tons: 4170
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: MICHAEL J MARQUIS
Telephone: (000) 000-0000
Mailing Address: 1885 SEBASTOPOL RD
SANTA ROSA, CA 95407
County Sonoma

Gepaid: CAL000081819
Tepaid: CAT080012602
Gen County: Sonoma
Tsd County: Solano
Tons: .9591
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: MICHAEL J MARQUIS
Telephone: (000) 000-0000
Mailing Address: 1885 SEBASTOPOL RD
SANTA ROSA, CA 95407
County Sonoma
ACME AUTO WRECKERS (Continued)

Gepaid: CAL000081819
Tepaid: CAD000242105
Gen County: Sonoma
Tsd County: 0
Tons: .5838
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: MICHAEL J MARQUIS
Telephone: (000) 000-0000
Mailing Address: 1885 SEBASTOPOL RD
                  SANTA ROSA, CA 95407
County: Sonoma

Gepaid: CAL000081819
Tepaid: CAD000088252
Gen County: Sonoma
Tsd County: Los Angeles
Tons: .3000
Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: MICHAEL J MARQUIS
Telephone: (000) 000-0000
Mailing Address: 1885 SEBASTOPOL RD
                  SANTA ROSA, CA 95407
County: Sonoma

The CA HAZNET database contains 12 additional records for this site
Please contact your EDR Account Executive for more information.

SLIC Region 1: Facility ID: 1NSR126
Region: 1
Staff Initial: SKB

CHANG, KEVIN
NNW
1590 HAMPTON
1/4-1/2
1771
1771
Higher

Site 5 of 6 in cluster K

LUST Sonoma County:
Facility Id: 00002641
Region: SONOMA
Reported: 03/28/88
Date Closed: 07/01/02
Regional Board: North Coastal Regional Water Quality Board
Closed/Referred: R

CORTESI:
Reg Id: 1TSO166
Region: CORTESE
Reg By: Leaking Underground Storage Tanks
CHANG, KEVIN (Continued)

FID:
Facility ID: 49000452
Reg By: Active Underground Storage Tank Location
Corruse Code: Not reported
Status: Active
Mail To: Not reported
6141 REDWOOD BLVD
SANTA ROSA, CA 95407
Contact: Not reported
DUNS No: Not reported
Creation: 10/22/93
EPA ID: Not reported
Comments: Not reported

K43
NNW
HAMPTON WAY 1580
1/4-1/2
SANTA ROSA, CA 95407
1773
Higher
Site 6 of 6 in cluster K

State LUST:
Cross Street: Not reported
Qly Leaked: Not reported
Case Number: 1T50166
Reg Board: North Coast Region
Chemical: Waste Oil
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Drinking water wells have been affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 4/1/1988
Confirm Leak: 4/1/1988
Workplan: 11/26/1990
Prelim Assess: 11/26/1990
Pollution Char: 11/24/1994
Remed Plan: 11/24/1994
Remed Action: 11/24/1994
Monitoring: 11/24/1994
Release Date: 3/29/1988
Cleanup Fund Id: Not reported
Discover Date: 3/29/1988
Enforcement Dt: 7/8/1992
Enf Type: Not reported
Enter Date: 4/1/1988
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: A
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: Not reported

LUST S102426525
N/A
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<th>BEVAN INVESTMENT</th>
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<td>SEBASTOPOL ROAD 995</td>
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<td>SANTA ROSA, CA</td>
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**Site 1 of 6 in cluster M**

**State LUST:**
- Cross Street: Not reported
- Qty Leaked: Not reported
- Case Number: 1TSC0276
- Reg Board: North Coast Region
- Chemical: UNK
- Lead Agency: Regional Board
- Local Agency: 49000
- Case Type: Drinking water wells have been affected
- Status: Remediation plan developed
- County: Sonoma
- Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

**Review Date:** 6/22/1989
**Workplan:** 3/28/1990
**Pollution Char:** 1/1/1965
**Remed Action:** Not reported
**Close Date:** Not reported
**Release Date:** 6/22/1989
**Cleanup Fund Id:** Not reported
**Discover Date:** 6/22/1989
**Enforcement Dt:** 8/17/2001
**Enf Type:** LTR
**Enter Date:** 6/22/1989
**Funding:** Responsible Party
**Staff Initials:** Not reported

**LUST Region 1:**
- Facility ID: 1TSC0166
- Region: 1
- Staff Initials: Closed
BEVAN INVESTMENT (Continued)

How Discovered: Other Means
How Stopped: Other Means
Interim: Yes
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date: 4/14/1998
Max MTBE GW: 460
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: WTE
GW Qualifies: =
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: BEVAN INVESTMENT
Oversight Prgm: R8 Lead Underground Storage Tank
Oversight Prgm: UST
Review Date: 3/6/2001
Stop Date: 6/22/1989
Work Suspended: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0609700206
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
MTBE Fuel: 1
Water System Name: AVALON APARTMENTS
Well Name: WELL 01
Distance To Lust: 550.64716519286154441747236066
Waste Discharge Global ID: W0609700869
Waste Disch Assigned Name: 07N/08W-27A08 M

LUST Region 1:
Facility ID: 1TSO276
Region: 1
Staff Initials: WTE

CERTESE:
Reg Id: 1TSO276
Region: CERTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 1BISO276NUG
Region: CERTESE
Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

N45
South
1/4-1/2
1851
Higher

DUTTON & ASSOCIATES
1800 BURBANK AVENUE
SANTA ROSA, CA 95407

Site 1 of 2 in cluster N

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1NSR233
DUTTON & ASSOCIATES (Continued)

Reg Board: North Coast Region
Chemical: Diesel
Lead Agency: Regional Board
Local Agency: 49060
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Review Date: 11/30/1992
Workplan: 2/18/1994
Pollution Char: 2/18/1994
Remed Action: 2/18/1994
Close Date: 2/18/1994
Release Date: 7/9/1990
Cleanup Fund Id: Not reported
Discover Date: 7/9/1990
Enforcement Dt: 11/30/1992
Enf Type: Not reported
Enter Date: 11/30/1992
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN. AGR. IND
Staff: ZZZ
GW Qualifies: Not reported
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: DUTTON & ASSOCIATES
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm: SLIC
Review Date: 4/9/1998
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: DUTTON & ASSOCIATES
RP Address: Not reported
Global Id: T0609793567
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 768.14016289556103551265244328
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: 11/30/1992
Prelim Assess: 2/18/1994
Remed Plan: 2/18/1994
Monitoring: 2/18/1994
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<th>Site</th>
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<td>BURBANK AVENUE 1800</td>
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<td>NNE</td>
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<td>990 SEBASTOPOL RD</td>
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<td>CHMIRS</td>
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<td>SEBASTOPOL ROAD 977</td>
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<td>1NSR225</td>
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<td>OPTICAL COATING LABORATORY INC</td>
<td>977 SEBASTOPOL ROAD</td>
<td>SANTA ROSA, CA 95407</td>
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OPTICAL COATING LABORATORY INC (Continued)

Close Date: 3/14/1994
Release Date: 10/23/1992
Cleanup Fund Id: Not reported
Discover Date: 10/23/1992
Enf Date: Not reported
Enter Date: 10/23/1992
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: No
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: Not reported
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: OPTICAL COATING LABORATORY
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm: SLIC
Review Date: 4/10/1998
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: OPTICAL COATING LABORATORY
RP Address: Not reported
Global Id: T0609793282
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 950.3003040114269561558529183
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

M50 LAIDLAW TRANSIT INC
NE 959 SEBASTOPOL RD
1/4-1/2 SANTA ROSA, CA 95401
1930 Higher Site 5 of 6 in cluster M
LAIDLAW TRANSIT INC (Continued)

HAZNET:
Gapaid: CAD982354508
Tepaid: CAD083166728
Gen County: Sonoma
Tsd County: Stanislaus
Tons: 15.2622
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596
County Sonoma

Gapaid: CAD982354508
Tepaid: CAD083166728
Gen County: Sonoma
Tsd County: Stanislaus
Tons: .4253
Category: Tank bottom waste
Disposal Method: Recycler
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596
County Sonoma

Copaid: CAD0832364508
Tepaid: CAT080025711
Gen County: Sonoma
Tsd County: San Bernardino
Tons: .6680
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596
County Sonoma

Gapaid: CAD982354508
Tepaid: CAT080025711
Gen County: Sonoma
Tsd County: San Bernardino
Tons: .8880
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596
County Sonoma
LAIDLAW TRANSPORTATION
SEBASTOPOL ROAD 959
1/4-1/2
SANTA ROSA, CA 95407
1932
Site 6 of 6 in cluster M

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TSO151
Reg Board: North Coast Region
Chemical: Waste Oil
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 3/2/1988
Confirm Leak: 3/2/1988
Workplan: 7/19/1998
Prelim Assess: 7/19/1988
Pollution Char: 12/20/1995
Remed Action: 12/20/1995
Close Date: 12/20/1995
Release Date: 3/2/1988
Remed Plan: 12/20/1995
Cleanup Fund Id: Not reported
Monitoring: 12/20/1995
Discover Date: 3/2/1988
Enf Type: Not reported
Enter Date: 3/2/1988
Funding: Responsible Party
How Discovered: Other Means
Staff Initials: Not reported
How Stopped: Other Means
Interim: Yes
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
LAIDLAW TRANSPORTATION (Continued)

Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case #: ZZZ
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: Not reported
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: LAIDLAW TRANSPORTATION
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm: UST
Review Date: 4/10/1988
Stop Date: 3/2/1988
Work Suspended: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0609700119
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: AVALON APARTMENTS
Well Name: WELL 01
Distance To Lust: 552.40383170381394815430873976
Waste Discharge Global Id: W0609700889
Waste Disch Assigned Name: 07N/08W-27A08 M

LUST Region 1:
Facility ID: 1TS0151
Region: 1
Staff Initials: Closed

052 COAST AUTO WRECKING
NE 949 SEBASTOPOL RD
1/4/1/2 SANTA ROSA, CA 95401
1959 Higher Site 1 of 4 in cluster 0

CAL-SITES:
Facility ID: 49500001
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Date: 10/08/1993
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 50 WHOLESALE TRADE - DURABLE GOODS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Access: Not reported
COAST AUTO WRECKING (Continued)

Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0’ 0.00” / 0° 0’ 0.00”
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

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**P53**
**TEXACO, BILLS**
**WNW**
1980 SEASTOPOL ROAD
1/4-1/2
SANTA ROSA, CA 95407
1982
Higher Site 1 of 3 in cluster P

**CORTES:**
Reg Id: 1B1S0056NUG
Region: CORTESE
Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

Reg Id: 1TS0056
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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**P54**
**TEXACO, BILLS**
**WNW**
SEASTOPOL ROAD 1980
1/4-1/2
SANTA ROSA, CA 95407
1982
Higher Site 2 of 3 in cluster P

**State LUST:**
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TS0056
Reg Board: North Coast Region
Chemical: Unleaded Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Remediation plan developed
County: Sonoma
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Review Date: 9/9/1987
Workplan: 9/8/1987
Pollution Char: 12/7/2001
Remed Action: Not reported
Close Date: Not reported
Release Date: 8/24/1987
Cleanup Fund Id: Not reported
Discover Date: 8/24/1987
Enforcement Dt: 8/17/2001

Confirm Leak: 9/9/1987
Prolim Assess: 9/9/1987
Remed Plan: 12/7/2001
Monitoring: Not reported
### MAP FINDINGS

**TEXACO, BILLS (Continued)**

- **Enf Type:** LTR
- **Enter Date:** 8/24/1987
- **Funding:** Responsible Party
- **Staff Initials:** Not reported
- **How Discovered:** Other Means
- **How Stopped:** Other Means
- **Interim:** Yes
- **Leak Cause:** Corrosion
- **Leak Source:** Tank
- **MTBE Date:** 1/1/1965
- **Max MTBE GW:** 300
- **MTBE Tested:** MTBE Detected. Site tested for MTBE & MTBE detected
- **Priority:** Not reported
- **Local Case #:** Not reported
- **Beneficial:** Not reported
- **Staff:** SKB
- **GW Qualifies:** <
- **Max MTBE Soil:** Not reported
- **Soil Qualifies:** Not reported
- **Hydr Basin #:** RUSSIAN RIVER
- **Operator:** BILL NIDA
- **Oversight Prgm:** RB Lead Underground Storage Tank
- **Oversight Prgm:** UST
- **Review Date:** 2/16/2001
- **Stop Date:** 8/24/1987
- **Work Suspended:** Not reported
- **Responsible Party:** BERTOLI FAMILY, C/O, L. PERRY
- **RP Address:** Not reported
- **Global Id:** T0609700035
- **Org Name:** Not reported
- **Contact Person:** Not reported
- **MTBE Conc:** 1
- **Mtb Fuel:** 1
- **Water System Name:** Not reported
- **Well Name:** Not reported
- **Distance To Lust:** 1883.735804295706877492565505
- **Waste Discharge Global ID:** Not reported
- **Waste Disch Assigned Name:** Not reported

**LUST Region 1:**
- **Facility ID:** 1TSO056
- **Region:** 1
- **Staff Initials:** SKB

**CA SLIC**

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<td>BURBANK AVENUE 1850</td>
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<tr>
<td>1/4-1/2</td>
<td>SANTA ROSA, CA 95407</td>
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<td>SLIC Region 1:</td>
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<td></td>
<td>Staff Initial: Facility Closed</td>
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**NC Slit**

**TDSC**

<table>
<thead>
<tr>
<th>SMG</th>
<th>CA SLIC</th>
</tr>
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<tr>
<td>TRT</td>
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</table>

**EDR ID Number**

**Site ID**

**S101316022**

**Address**

**BURBANK AVENUE 1850**

**City**

**SANTA ROSA, CA 95407**

**Year**

**2003**

**Site 1 of 2 in cluster Q**

**SLIC Region 1:**
- **Facility ID:** 1NSR232
- **Region:** 1
- **Staff Initial:** Facility Closed

**TC755802.4s**

**Page 48**
Q56  DUTTON & ASSOCIATES
South  1850 BURBANK AVENUE
      SANTA ROSA, CA  95407
1/4-1/2  2007
Higher  Site 2 of 2 in cluster Q

State LUST:
Cross Street:  Not reported
Qty Leaked:  Not reported
Case Number:  1NSR232
Reg Board:  North Coast Region
Chemical:  Diesel
Lead Agency:  Regional Board
Local Agency:  49060
Case Type:  Soil only
Status:  Signed off, remedial action completed or deemed unnecessary
County:  Sonoma
Review Date:  11/30/1992
Workplan:  2/18/1994
Pollution Char:  2/18/1994
Remed Action:  2/18/1994
Close Date:  2/18/1994
Release Date:  7/9/1990
Cleanup Fund Id:  Not reported
Discover Date:  7/9/1990
Enforcement Dt:  11/30/1992
Enf Type:  Not reported
Enter Date:  11/30/1992
Funding:  Responsible Party
Staff Initials:  Not reported
How Discovered:  Other Means
How Stopped:  Other Means
Interim:  Not reported
Leak Cause:  Not reported
Leak Source:  Not reported
MTBEG W:  Not reported
MTBE Tested:  Not Required to be Tested.
Priority:  Not reported
Local Case #:  Not reported
Beneficial:  MUN, AGR, IND
Staff:  ZZZ
GW Qualifies:  Not reported
Max MTBE Soil:  Not reported
Soil Qualifies:  Not reported
Hydr Basin #:  RUSSIAN RIVER
Operator:  DUTTON & ASSOCIATES
Over sight Prgm:  Spills, Leaks, Investigations and Cleanup UST
Over sight Prgm:  SLIC
Review Date:  4/9/1998
Stop Date:  Not reported
Work Suspended:  Not reported
Responsible Party:  DUTTON & ASSOCIATES
RP Address:  Not reported
Global Id:  T0609793295
Org Name:  Not reported
Contact Person:  Not reported
MTBE Conc:  0
Mtbe Fuel:  0
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<tr>
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<td>Waste Disch Assigned Name: Not reported</td>
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<tr>
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<tr>
<td>2001 SEBASTOPOL RD.</td>
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<tr>
<td>SANTA ROSA, CA 95407</td>
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<tr>
<td>1/4-1/2</td>
</tr>
<tr>
<td>2028</td>
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<tr>
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<td>Site 3 of 3 in cluster P</td>
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<table>
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<th>CHMIRS:</th>
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<tr>
<td>OES Control Number: 9991180</td>
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<tr>
<td>DOT ID: 2783</td>
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<tr>
<td>DOT Hazard Class: Poisonous and etiologic (infectious) material</td>
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<tr>
<td>Chemical Name: CHEVRON MALATHION 50</td>
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<tr>
<td>Extent of Release: Not reported</td>
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<td>CAS Number: Not reported</td>
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<tr>
<td>Environmental Contamination: None Reported</td>
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<td>Incident Date: 15-JAN-88</td>
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<tr>
<td>Quantity Released: 2</td>
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<tr>
<td>Property Use: Mercantile, Business</td>
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<tr>
<td>Date Completed: 15-JAN-88</td>
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<td>NE</td>
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<tr>
<td>BEACON #489 (ULTRAMAR)</td>
</tr>
<tr>
<td>SEBASTOPOL ROAD 921</td>
</tr>
<tr>
<td>SANTA ROSA, CA</td>
</tr>
<tr>
<td>1/4-1/2</td>
</tr>
<tr>
<td>2033</td>
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<tbody>
<tr>
<td>Cross Street: Not reported</td>
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<tr>
<td>Qty Leaked: Not reported</td>
</tr>
<tr>
<td>Case Number: 1TSCO269</td>
</tr>
<tr>
<td>Reg Board: North Coast Region</td>
</tr>
<tr>
<td>Chemical: Gasoline</td>
</tr>
<tr>
<td>Lead Agency: Regional Board</td>
</tr>
<tr>
<td>Local Agency: 49000</td>
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<tr>
<td>Case Type: Drinking water wells have been affected</td>
</tr>
<tr>
<td>Status: Pollution characterization</td>
</tr>
<tr>
<td>County: Sonoma</td>
</tr>
<tr>
<td>Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants, Vent Soil - bore holes in soil to allow volatilization of contaminants</td>
</tr>
<tr>
<td>Review Date: 6/1/1989</td>
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<tr>
<td>Confirm Leak: 6/1/1989</td>
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<tr>
<td>Prelim Assess: 11/26/1990</td>
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<tr>
<td>Pollution Char: Not reported</td>
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<tr>
<td>Remed Action: Not reported</td>
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<tr>
<td>Remed Plan: Not reported</td>
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<tr>
<td>Close Date: Not reported</td>
</tr>
<tr>
<td>Monitoring: Not reported</td>
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<tr>
<td>Release Date: 11/9/1988</td>
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<tr>
<td>Cleanup Fund Id: Not reported</td>
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<tr>
<td>Discover Date: 11/9/1988</td>
</tr>
<tr>
<td>Enf Type: Not reported</td>
</tr>
<tr>
<td>Enter Date: 8/31/1994</td>
</tr>
<tr>
<td>Funding: Responsible Party</td>
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<tr>
<td>Staff Initials: Not reported</td>
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<tr>
<td>How Discovered: Other Means</td>
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TC755802.4s Page 50
BEACON #489 (ULTRAMAR) (Continued)

How Stopped: Other Means
Interim: Yes
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: 8/19/1998
Max MTBE GW: 2700
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: WTE
GW Qualifies: =
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: ULTRAMAR
Oversight Prgrm: RB Lead Underground Storage Tank
Oversight Prgrm: UST
Review Date: 3/22/2001
Stop Date: 11/9/1988
Work Suspended: Not reported
Responsible Party: ULTRAMAR
RP Address: Not reported
Global Id: T0609700201
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: AVALON APARTMENTS
Well Name: WELL 01
Distance To Lust: 554.74670164016162273666928075
Waste Discharge Global Id: W0609700889
Waste Disch Assigned Name: 07N/08W-27A08 M

LUST Region 1:
Facility ID: 1TSO269
Region: 1
Staff Initials: WTE

O59
ULTRAMAR INC 3489
NE 921 SEBASTOPOL
1/4-1/2 SANTA ROSA, CA 95407
2034
Higher Site 3 of 4 in cluster O

HAZNET:
Gepaid: CAL0001000045
Tepaid: CA0000084517
Gen County: Santa Clara
Tsd County: Sacramento
Tons: .2502
Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Contact: ULTRAMAR INC
Telephone: (209) 582-0241
Mailing Address: HANFORD, CA 93230 - 5016
County: Santa Clara
ULTRAMAR INC 3489 (Continued)

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<tbody>
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<td>CAT080013352</td>
</tr>
<tr>
<td>Gen County:</td>
<td>Santa Clara</td>
</tr>
<tr>
<td>Tsd County:</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>Tons:</td>
<td>.3669</td>
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<tr>
<td>Category:</td>
<td>Waste oil and mixed oil</td>
</tr>
<tr>
<td>Disposal Method:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Contact:</td>
<td>ULTRAMAR INC</td>
</tr>
<tr>
<td>Telephone:</td>
<td>(209) 582-0241</td>
</tr>
<tr>
<td>Mailing Address:</td>
<td>525 W 3RD ST</td>
</tr>
<tr>
<td></td>
<td>HANFORD, CA 93230 - 5016</td>
</tr>
<tr>
<td>County</td>
<td>Santa Clara</td>
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<tr>
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<tr>
<td>Contact:</td>
<td>ULTRAMAR INC</td>
</tr>
<tr>
<td>Telephone:</td>
<td>(209) 582-0241</td>
</tr>
<tr>
<td>Mailing Address:</td>
<td>525 W 3RD ST</td>
</tr>
<tr>
<td></td>
<td>HANFORD, CA 93230 - 5016</td>
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<tr>
<td>County</td>
<td>Santa Clara</td>
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COTRSE:

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<tbody>
<tr>
<td>Region:</td>
<td>CORTESE</td>
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<tr>
<td>Reg By:</td>
<td>Leaking Underground Storage Tanks</td>
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</tbody>
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<th>Reg id:</th>
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<tr>
<td>Region:</td>
<td>CORTESE</td>
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<tr>
<td>Reg By:</td>
<td>Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials</td>
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O60 BEACON #1-489
NE 921 SEBASTOPOL RD
1/4-1/2 SANTA ROSA, CA 95407
2034 Higher Site 4 of 4 in cluster O

State LUST:

<table>
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<td>Case Number:</td>
<td>01-2439</td>
</tr>
<tr>
<td>Reg Board:</td>
<td>San Francisco Bay Region</td>
</tr>
<tr>
<td>Chemical:</td>
<td>Gasoline</td>
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<tr>
<td>Lead Agency:</td>
<td>Local Agency</td>
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<tr>
<td>Local Agency:</td>
<td>01000</td>
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<tr>
<td>Case Type:</td>
<td>Soil only</td>
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<tr>
<td>Status:</td>
<td>Preliminary site assessment underway</td>
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<td>County:</td>
<td>Alameda</td>
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<tr>
<td>Review Date:</td>
<td>12/1/1994</td>
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<tr>
<td>Workplan:</td>
<td>1/2/1965</td>
</tr>
<tr>
<td>Pollution Char:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Remed Action:</td>
<td>Not reported</td>
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<tr>
<td>Close Date:</td>
<td>Not reported</td>
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<tr>
<td>Release Date:</td>
<td>11/28/1994</td>
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Confirm Leak: 12/1/1994
Prelim Assess: 1/2/1965
Remed Plan: Not reported
Monitoring: Not reported
BEACON #1-489 (Continued)

Cleanup Fund Id : Not reported
Discover Date : 11/28/1994
Enforcement Dt : Not reported
Enf Type : Not reported
Enter Date : 9/30/1998
Funding: Not reported
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : 10/26/2000
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: 145
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : 1
Soil Qualifies : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 1/4/2002
Stop Date : 11/28/1994
Work Suspended : Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0600102247
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 11140.745022041980054165152992
Waste Discharge Global I D: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2439
Entered Date: 09/30/1998
Facility Status: Preliminary site assessment underway
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: Not reported
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

State UST:
Facility ID: 145
BEACON #1-489 (Continued)

Total Tanks: 1
Region: STATE
Local Agency: 49000

61
MURRILL, JAMES
NNE
ROSELAND AVENUE 439
1/4-1/2
SANTA ROSA, CA  95401
2111
Higher

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TS0099
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 9/4/1987
Workplan: 12/20/1988
Pollution Char: 12/20/1988
Remed Action: 12/20/1988
Close Date: 12/20/1988
Release Date: 8/24/1987
Cleanup Fund Id: Not reported
Discover Date: 8/24/1987
Enforcement Dt: 1/27/1999
Ent Type: Not reported
Enter Date: 8/24/1987
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: No
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE, includes Unknown and Not Analyzed.
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: Not reported
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: James Murrill
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm: UST
Review Date: 2/23/1999
Stop Date: 8/24/1987
Work Suspended: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
MURRILL, JAMES (Continued)

Global Id: T0609700072
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 1037.0412794581917056432086736
Waste Discharge Global Id: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 1:
Facility ID: 1TS0099
Region: 1
Staff Initials: Closed

CORTES:\
Reg Id: 1TS0099
Region: CORTES:\
Reg By: Leaking Underground Storage Tanks

R62 BAUGH, MS. WILSON
NE 805 SEBASTOPOL RD.
1/4-1/2 SANTA ROSA, CA 95407
2364

Higher Site 1 of 3 in cluster R

CERCLIS Classification Date: Federal Facility: Not a Federal Facility
Site Incident Category: Not reported NPL Status: Not on the NPL
Non NPL Status: SR
Ownership Status: Private
CERCLIS Assessment History:
Assessment: DISCOVERY Completed: 06/22/1992
Assessment: PRELIMINARY ASSESSMENT Completed: 09/28/1994
Assessment: SITE INSPECTION Completed: 09/28/1994

CERCLIS Site Status: Low

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TS0231
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Preliminary site assessment underway
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 11/28/1988
Confirm Leak: 11/28/1988
Workplan: 7/20/1995
Prelim Assess: 7/20/1995
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 11/28/1988
Cleanup Fund Id: Not reported
Discover Date: 11/28/1988
Enforcement D1: 11/9/1988
Ent Type: Not reported

TC755802.4s Page 55
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BAUGH, MS. WILSON (Continued)

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<td>Responsible Party</td>
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<td>Other Means</td>
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<tr>
<td>How Stopped</td>
<td>Other Means</td>
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<td>Interim</td>
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<td>Leak Cause</td>
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<tr>
<td>Leak Source</td>
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<td>Max MTBE GW</td>
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<td>Priority</td>
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<td>Local Case #</td>
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<tr>
<td>Beneficial</td>
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<tr>
<td>Staff</td>
<td>WTE</td>
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<td>GW Qualifies</td>
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<td>Max MTBE Soil</td>
<td>Not reported</td>
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<tr>
<td>Soil Qualifies</td>
<td>Not reported</td>
</tr>
<tr>
<td>Hydr Basin #</td>
<td>RUSSIAN RIVER</td>
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<tr>
<td>Operator</td>
<td>WILSON &amp; ALBERTA BAUGH</td>
</tr>
<tr>
<td>Oversight Prgm</td>
<td>RB Lead Underground Storage Tank</td>
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<tr>
<td>Oversight Prgm</td>
<td>UST</td>
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<td>3/22/2001</td>
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<td>Stop Date</td>
<td>11/28/1988</td>
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<td>Work Suspended</td>
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<td>Responsible Party</td>
<td>WILSON &amp; ALBERTA BAUGH</td>
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<td>RP Address</td>
<td>3127 NORTH VALENCIA SAN BERNADINO</td>
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<td>Global Id</td>
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<td>MTBE Conc</td>
<td>Not reported</td>
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<tr>
<td>Mtbe Fuel</td>
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<td>Water System Name</td>
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<td>Well Name</td>
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<tr>
<td>Waste Disch Assigned Name</td>
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LUST Region 1:
- Facility ID: 1T0231
- Region: 1
- Staff Initials: WTE

CORTESSE:
- Reg Id: 1T0231
- Region: CORTESSE
- Reg By: Leaking Underground Storage Tanks
BAUGH, MS. WILSON (Continued)

FID: 49000460
Facility ID: 49000460
Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported
SIC Code: Not reported
Status: Active
Facility Tel: Not reported
Mail To: Not reported
Contact: Not reported
3127 N VALENobia
SANTA ROSA, CA 95407
Contact Tel: Not reported
DUNs No: Not reported
NPDES No: Not reported
Creation: 10/22/93
Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

R63
NE
1/4-1/2
2375
Higher

SAINT MCMINN STATE SUPERFUND SITE
SEBASTOPOL ROAD / WEST AVENUE
SANTA ROSA, CA 95407

Site 2 of 3 in cluster R

CERCLIS Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup
NPL Status: Not on the NPL
Ownership Status: Not reported
Site Description: 04 99

CERCLIS Site Status:
High

S64
West
1/4-1/2
2407
Higher

STEINOCHER, DANIEL G & LI
969 KENMORE
SANTA ROSA, CA 95407
Site 1 of 2 in cluster S

Cortese S105026504
N/A

S65
West
1/4-1/2
2407
Higher

STEINOCHER, DANIEL G & LI
969 KENMORE
SANTA ROSA, CA 95407
Site 2 of 2 in cluster S

Cortese S105026503
N/A
<table>
<thead>
<tr>
<th>Map ID</th>
<th>BP / REDWOOD OIL #110</th>
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<tbody>
<tr>
<td>NE</td>
<td>SEBASTOPOL ROAD 760</td>
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<tr>
<td>1/4-1/2</td>
<td>SANTA ROSA, CA 95401</td>
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<tr>
<td>2465</td>
<td></td>
</tr>
<tr>
<td>Higher</td>
<td>Site 3 of 3 in cluster R</td>
</tr>
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</table>

State LUST:
- Cross Street: Not reported
- Qty Leaked: Not reported
- Case Number: 1TSO254
- Reg Board: North Coast Region
- Chemical: Diesel
- Lead Agency: Regional Board
- Local Agency: 49000
- Case Type: Drinking water wells have been affected
- Status: Pollution characterization
- County: Sonoma
- Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants, Vent Soil - bore holes in soil to allow volatilization of contaminants
- Review Date: 4/3/1989
- Confirm Leak: 4/3/1989
- Workplan: 7/24/1989
- Prelim Assess: 7/24/1989
- Pollution Char: Not reported
- Remed Plan: Not reported
- Remed Action: Not reported
- Monitoring: Not reported
- Close Date: Not reported
- Release Date: 4/3/1989
- Clean up Fund Id: Not reported
- Discover Date: 4/3/1989
- Enforcement Dt: 4/1/1992
- Enf Type: Not reported
- Enter Date: 4/3/1989
- Funding: Responsible Party
- Staff Initials: Not reported
- How Discovered: Other Means
- How Stopped: Other Means
- Interim: Yes
- Leak Cause: Not reported
- Leak Source: Not reported
- MTBE Date: 8/19/1998
- MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
- Max MTBE GW: 12000
- Priority: Not reported
- Local Case #: Not reported
- Benefitiel: Not reported
- Staff: WTE
- GW Qualifies: =
- Max MTBE Soil: 0.035
- Soil Qualifies: =
- Hydr Basin #: RUSSIAN RIVER
- Operator: REDWOOD OIL COMPANY
- Oversight Pgm: RB Lead Underground Storage Tank
- Oversight Pgm: UST
- Review Date: 3/22/2001
- Stop Date: 4/3/1989
- Work Suspended: Not reported
- Responsible Party: REDWOOD OIL COMPANY
BP / REDWOOD OIL #110 (Continued)

RP Address: 455 YOLANDA AVENUE SANTA ROSA
Global Id: 70609700191
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtb Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 621.5122549580740963931976218
Waste Discharge Global Id: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 1:
Facility ID: 1TSO254
Region: 1
Staff Initials: WTE

CORTES:
Reg Id: 1B1SO254NUG
Region: CORTES
Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

Reg Id: 1TSO254
Region: CORTES
Reg By: Leaking Underground Storage Tanks

T67  REDWOOD OIL BULK PLANT (F)
NNE  258 ROSELAND
1/4-1/2  SANTA ROSA, CA 95407
2487  Higher

Site 1 of 2 in cluster T

CORTES:
Reg Id: 1B91049NSON
Region: CORTES
Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

T68  REDWOOD OIL/ CHEVRON BULK PLNT
NNE  ROSELAND AVENUE 258
1/4-1/2  SANTA ROSA, CA 95401
2489  Higher

Site 2 of 2 in cluster T

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 1NSO252
Reg Board: North Coast Region
Chemical: Diesel
Lead Agency: Regional Board
Local Agency: 49000
Case Type: A, W
Status: Pollution characterization
County: Sonoma
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Pump and Treat Ground Water - generally employed to remove dissolved contaminants

Cortese 1001832729
CA SLIC S101875583
HAZNET N/A
LUST N/A
REDWOOD OIL CHEVRON BULK PLNT (Continued)

| Pollution Char: | Not reported | Remed Plan: | Not reported |
| Remed Action: | Not reported | Monitoring: | Not reported |
| Close Date: | Not reported | |
| Release Date: | 4/3/1989 | |
| Cleanup Fund Id: | Not reported | |
| Discover Date : | 4/3/1989 | |
| Enforcement Dt : | 8/17/2001 | |
| Enf Type : | LTR | |
| Enter Date : | 4/3/1989 | |
| Funding: | Responsible Party | |
| Staff Initials: | Not reported | |
| How Discovered: | Other Means | |
| How Stopped: | Other Means | |
| Interim : | Yes | |
| Leak Cause: | Not reported | |
| Leak Source: | Not reported | |
| MTBE Date : | 4/14/1998 | |
| Max MTBE GW : | 230 | |
| MTBE Tested: | MTBE Detected. Site tested for MTBE & MTBE detected | |
| Priority: | Not reported | |
| Local Case #: | Not reported | |
| Beneficial: | Not reported | |
| Staff : | WTE | |
| GW Qualities : | = | |
| Max MTBE Soil: | Not reported | |
| Soil Qualities : | Not reported | |
| Hydr Basin #: | RUSSIAN RIVER | |
| Operator : | REDWOOD OIL COMPANY | |
| Oversight Prgm: | Spills, Leaks, Investigations and Cleanup UST | |
| Oversight Prgm : | SLIC | |
| Review Date : | 2/16/2001 | |
| Stop Date : | Not reported | |
| Work Suspended: | Not reported | |
| Responsible Party: | REDWOOD OIL COMPANY | |
| RP Address : | 455 YOLANDA AVENUE SANTA ROSA | |
| Global Id : | T0609793561 | |
| Org Name: | Not reported | |
| Contact Person: | Not reported | |
| MTBE Conc : | 1 | |
| Mtbe Fuel: | 0 | |
| Water System Name: | Not reported | |
| Well Name: | Not reported | |
| Distance To Lust: | 1198.879007206313965485037987 | |
| Waste Discharge Global ID: | Not reported | |
| Waste Disch Assigned Name: | Not reported | |

HAZNET:

| Gepaid: | CAC000952352 | |
| Tepaid: | CAD083108728 | |
| Gen County: | Sonoma | |
| Tsd County: | Stanislaus | |
| Tons: | 2.0850 | |
| Category: | Unspecified oil-containing waste | |
| Disposal Method: | Recycler | |
| Contact: | REDWOOD OIL CO INC | |
| Telephone: | (000) 000-0000 | |
REDWOOD OIL/ CHEVRON BULK PLNT (Continued)

Mailing Address: 455 YOLANDA AVE
SANTA ROSA, CA 95404
County: Sonoma
Gepaid: CAC000952352
Tepaid: CAD980883177
Gen County: Sonoma
Tsd County: Kern
Tons: 5.0000
Category: Contaminated soil from site clean-ups
Disposal Method: Recycler
Contact: REDWOOD OIL CO INC
Telephone: (000) 000-0000
Mailing Address: 455 YOLANDA AVE
SANTA ROSA, CA 95404
County: Sonoma
Gepaid: CAC000910672
Tepaid: CAD003166728
Gen County: Sonoma
Tsd County: Stanislaus
Tons: 7.0890
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: REDWOOD OIL CO INC
Telephone: (000) 000-0000
Mailing Address: PO BOX 428
SANTA ROSA, CA 95402
County: Sonoma
SLIC Region 1:
Facility ID: 1NSO252
Region: 1
Staff Initial: WTE

U69 EXCHANGE BANK DATA CENTER
NE 330 SEBASTOPAL
1/4-1/2 SANTA ROSA, CA 93582
2631
Higher Site 1 of 2 in cluster U
NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

U70 NOR CAL GLASS COMPANY
NE 673 SEBASTOPOL ROAD
1/2-1 SANTA ROSA, CA 95407
2692
Higher Site 2 of 2 in cluster U
LUST Sonoma County:
Facility Id: 00007337
Region: SONOMA
Reported: 11/07/86
Date Closed: 06/01/92
Regional Board: North Coastal Regional Water Quality Board

Notify 65U000067321
N/A
CorteseS103817529
LUST N/A

TC755802.4s Page 61
**NOR CAL GLASS COMPANY** (Continued)

Closed/Referred: R

**CORTESE:**
- **Reg Id:** 1TS0057
- **Region:** CORTESE
- **Reg By:** Leaking Underground Storage Tanks

---

71
JACK SMITH GLASS & SASH
ENE
DUTTON AVENUE, NO 1050
1/2-1
SANTA ROSA, CA 95401
2880
Higher

**State LUST:**
- **Cross Street:** Not reported
- **Qty Leaked:** Not reported
- **Case Number:** 1TSR158
- **Reg Board:** North Coast Region
- **Chemical:** Gasoline
- **Lead Agency:** Regional Board
- **Local Agency:** 49060
- **Case Type:** Soil only
- **Status:** Signed off, remedial action completed or deemed unnecessary
- **County:** Sonoma
- **Abate Method:** Excavate and Dispose - remove contaminated soil and dispose in approved site
- **Review Date:** 6/15/1990
- **Confirm Leak:** 6/15/1990
- **Workplan:** 8/16/1991
- **Prelim Assess:** 8/16/1991
- **Pollution Char:** 8/16/1991
- **Remed Plan:** 8/16/1991
- **Remed Action:** 8/16/1991
- **Monitoring:** 8/16/1991
- **Close Date:** 8/16/1991
- **Release Date:** 6/7/1990
- **Cleanup Fund Id:** Not reported
- **Discover Date:** 6/7/1990
- **Enforcement Dt:** 6/15/1990
- **Enl Type:** Not reported
- **Enter Date:** 6/15/1990
- **Funding:** Responsible Party
- **Staff Initials:** Not reported
- **How Discovered:** Other Means
- **How Stopped:** Other Means
- **Interim:** Yes
- **Leak Cause:** Not reported
- **Leak Source:** Not reported
- **MTBE Date:** Not reported
- **Max MTBE GW:** Not reported
- **MTBE Tested:** Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
- **Priority:** C
- **Local Case #:** Not reported
- **Beneficial:** MUN, AGR, IND
- **Staff:** ZZZ
- **GW Qualifies:** Not reported
- **Max MTBE Soil:** Not reported
- **Soil Qualifies:** Not reported
- **Hydr Basin #:** RUSSIAN RIVER
- **Operator:** JOHN T SMITH
- **Oversight Prgm:** RB Lead Underground Storage Tank
- **Oversight Prgm:** UST
- **Review Date:** 8/21/1991

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TC755802.4s  Page 62
### JACK SMITH GLASS & SASH (Continued)

- **Stop Date:** 6/7/1990
- **Work Suspended:** Not reported
- **Responsible Party:** JOHN T SMITH
- **FIP Address:** Not reported
- **Global Id:** T0609700653
- **Org Name:** Not reported
- **Contact Person:** Not reported
- **MTBE Conc.:** 0
- **Mtbe Fuel:** 1
- **Water System Name:** CITY OF SANTA ROSA UTIL
- **Well Name:** FREEWAY WELL - INACTIVE
- **Distance To Lust:** 1738.566178423953205312476602
- **Waste Discharge Global ID:** W0609710009
- **Waste Disch Assigned Name:** 07N/6BW-15J01 M

**LUST Region 1:**
- **Facility ID:** 1TSR158
- **Region:** 1
- **Staff Initials:** Closed

**CORTESCE:**
- **Reg Id:** 1TSR158
- **Region:** CORTESCE
- **Reg By:** Leaking Underground Storage Tanks

---

### 580 SEBASTOPOL ROAD

**SANTA ROSA, CA 95407**

**CHMIRS:** S100219578

**Distance:** NE

**2922**

**Higher**

**CHMIRS:**
- **OES Control Number:** 9010090
- **DOT ID:** Not reported
- **DOT Hazard Class:** Not Reported
- **Chemical Name:** ETHYLENE GLYCOL/ACID FLUSH
- **Extent of Release:** Not reported
- **CAS Number:** Not reported
- **Environmental Contamination:** Ground
- **Incident Date:** 19-FEB-90
- **Property Use:** Mercantile, Business
- **Date Completed:** 19-FEB-90

---

### HIGHWAY 12 / STONY POINT ROAD

**SANTA ROSA, CA 95407**

**CHMIRS:** S100276934

**Distance:** NW

**1/2-1**

**3108**

**Higher**

**CHMIRS:**
- **OES Control Number:** 9100830
- **DOT ID:** Not reported
- **DOT Hazard Class:** Not Reported
- **Chemical Name:** PRO-SPECTRUM ACTIVATOR
- **Extent of Release:** Not reported
- **CAS Number:** Not reported
- **Environmental Contamination:** Ground
- **Incident Date:** 17-SEP-91
- **Property Use:** Freeway
- **Date Completed:** 17-SEP-91
74
SSE
1/2-1
3127
Higher

2103 WESTWOOD DRIVE
SANTA ROSA, CA 95407

CHMIRS:
OES Control Number: 9100805
DOT Hazard Class: Not Reported
Chemical Name: LAQUER PRIMER/BASE
Extent of Release: Not reported
CAS Number: Not reported
Environmental Contamination: Air
Incident Date: 03-SEP-91

CHMIRS
DOT ID: 1263

1263

V75
NE
1/2-1
3445
Higher

HARRIMAN, TOM & JEFF
SEBASTOPOL ROAD 375
SANTA ROSA, CA 95401

Site 1 of 3 in cluster V

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TSR086
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49060
Case Type: Aquifer affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

LUST Cortese
EDR ID Number S100467873

Confirm Leak: 2/20/1989
Workplan: 7/1/1989
Prelim Assess: 7/1/1989
Pollution Char: 9/1/1995
Remed Plan: 9/1/1995
Remed Action: 9/1/1995
Monitoring: 9/1/1995
Close Date: 9/1/1995
Release Date: 2/20/1989
Discover Date: 2/20/1989
Enforcement Dt: 12/1/1992

Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: Not reported
HARRIMAN, TOM & JEFF (Continued)

Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: COMMERCIAL SPACES
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm: UST
Review Date: 4/9/1998
Stop Date: 2/20/1989
Work Suspended: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0609700599
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtn Fuel: 1
Water System Name: AVALON APARTMENTS
Well Name: WELL 01
Distance To Lust: 866.1648612637042663505845689
Waste Discharge Global ID: W0609700889
Waste Disch Assigned Name: 07V/08W-27A08 M

LUST Region 1:
Facility ID: 1TSR086
Region: 1
Staff Initials: Closed

CORTESQ:
Reg Id: 1TSR086
Region: CORTESQ
Reg By: Leaking Underground Storage Tanks

V76
UNOCAL #4320
NE
SEBASTOPOL ROAD 370
1/2-1
SANTA ROSA, CA 95404
3455
Higher Site 2 of 3 in cluster V

State LUST:
Cross Street: Not reported
Qtv Leaked: Not reported
Case Number: 1TSO264
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Drinking water wells have been affected
Status: Pollution characterization
County: Sonoma
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 5/22/1989
Confirm Leak: 5/22/1989
Workplan: 3/2/1990
Prelim Assess: 3/22/1990
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 5/10/1989
Cleanup Fund Id: Not reported
Discover Date: 5/10/1989
Enforcement Dt: 6/17/2001
UNOCAL #4320 (Continued)
End Type: LTR
Enter Date: 5/22/1989
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Yes
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date: 9/11/2000
Max MTBE GW: 0000
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: WTE
GW Qualifies: =
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: UNOCAL
Oversight Pgm: RB Lead Underground Storage Tank
Oversight Pgm: UST
Review Date: 3/14/2001
Stop Date: 5/10/1989
Work Suspended: Not reported
Responsible Party: UNOCAL
RP Address: 2175 NORTH CALIFORNIA BLVD WALNUT CREEK
Global Id: T0609700199
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: AVALON APARTMENTS
Well Name: WELL 01
Distance To Lust: 828.994279940259879875649576
Waste Discharge Global Id: W0609700889
Waste Disch Assigned Name: 07N/08W-27A08 M
LUST Region 1:
Facility ID: 1TSC264
Region: 1
Staff Initials: WTE
CORTESE:
Reg Id: 1TSC264
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

V77 EXCHANGE BANK
NE SEBASTOPOL ROAD 330
1/2-1 SANTA ROSA, CA 95401
3551
Higher Site 3 of 3 in cluster V
State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TSC089
Reg Board: North Coast Region

TC755802.4s  Page 66
### EXCHANGE BANK (Continued)

- **Chemical:** Gasoline
- **Lead Agency:** Regional Board
- **Local Agency:** 49000
- **Case Type:** Aquifer affected
- **Status:** Remedial action (cleanup) in progress
- **County:** Sonoma
- **Abate Method:** Excavate and Dispose - remove contaminated soil and dispose in approved site, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants

| Review Date | Confirm Leak | Workplan | Prelim Assess | Pollution Char | Remed Plan | Close Date | Monitoring | Release Date | Cleanup Fund Id | Discover Date | Enforcement Dl | Enf Type | Enter Date | Funding | Staff Initials | How Discovered | How Stopped | Interm | Leak Cause | Leak Source | MTBE Date | Max MTBE GW | MTBE Tested | Priority | Local Case # | Beneficial | Staff | GW Qualifies | Max MTBE Soil | Soil Qualifies | Hydr Basin | Operator | Oversight Prgm | Oversight Prgm | Review Date | Stop Date | Work Suspended | Responsible Party | BLANK | RP Address | Global Id | Org Name | Contact Person | MTBE Conc | Mtbe Fuel | Water System Name | Well Name | Distance To Lust | Waste Discharge Global ID | Waste Disch Assigned Name |
|-------------|--------------|-----------|---------------|---------------|-------------|------------|------------|-------------|---------------|----------------|--------------|--------------|---------|------------|-----------|--------------|---------------|-------------|--------|------------|------------|----------|----------------|------------|-------------|-----------|---------|--------------|---------|-----------|----------------|----------------|---------------|
## EXCHANGE BANK (Continued)

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<th>Region</th>
<th>Facility ID</th>
<th>Staff Initials</th>
<th>CORTESE</th>
<th>Reg Id</th>
<th>Region</th>
<th>Reg By</th>
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<tbody>
<tr>
<td>LUST Region 1:</td>
<td>1TSO089</td>
<td>WTE</td>
<td>CORTESE</td>
<td>1TSO089</td>
<td>CORTESE</td>
<td>Leaking Underground Storage Tanks</td>
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### CHMIRS: 1476 FUNSTON DRIVE

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<td>SANTA ROSA, CA 95407</td>
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<th>DOT ID</th>
<th>Quantity Released</th>
<th>Property Use</th>
<th>Date Completed</th>
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<tr>
<td>9100510</td>
<td>Not reported</td>
<td>2</td>
<td>Residential</td>
<td>06-JUN-91</td>
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### CHMIRS: DZ INC., SHELL BULK PLANT

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<td>257 DUTTON AVENUE</td>
<td>SANTA ROSA, CA 93582</td>
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<table>
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<th>Property Use</th>
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<td>9100330</td>
<td>Not reported</td>
<td>099</td>
<td>Not reported</td>
<td>17-APR-91</td>
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### CHMIRS: 35 STONY POINT ROAD

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>35 STONY POINT ROAD</td>
<td>SANTA ROSA, CA 95401</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OES Control Number</th>
<th>DOT ID</th>
<th>Quantity Released</th>
<th>Property Use</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>9100330</td>
<td>Not reported</td>
<td>099</td>
<td>Not reported</td>
<td>17-APR-91</td>
</tr>
</tbody>
</table>
### W81
**Site:** SANTA ROSA AIRPORTER  
**Address:** 275 DUTTON AVE  
**City/State:** SANTA ROSA, CA 95407  
**ID:** NE 1/2-1 3745

**HAZNET:**  
- **Gepaid:** CAL000057825  
- **Tapid:** CAD008252405  
- **Gen County:** Sonoma  
- **Tsd County:** Los Angeles  
- **Tons:** 2293  
- **Category:** Unspecified solvent mixture Waste  
- **Disposal Method:** Recycler  
- **Contact:** SANTA ROSA AIRPORTER  
- **Telephone:** (000) 000-0000  
- **Mailing Address:** PO BOX 6925  
- **County:** Sonoma

**CORTESCE:**  
- **Reg Id:** 1B1SR086UG  
- **Region:** CORTESCE  
- **Reg By:** Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

### W82
**Site:** YELLOW ROADWAY FREIGHT  
**Address:** 270 DUTTON AVENUE  
**City/State:** SANTA ROSA, CA 95407  
**ID:** NE 1/2-1 3751

**NOTIFY 65:**  
- **Date Reported:** 01/26/1993  
- **Staff Initials:** SAW  
- **Board File Number:** 072930000  
- **Facility Type:** UNKNOWN  
- **Discharge Date:** Not reported  
- **Incident Description:** 95407-6805A SAMPLE COLLECTED FROM A DRIN KING WATERWELL WAS FOUND TO CONTAIN CARB ON TERTRACHLORIDE & CHLOROFORAM

**Date Reported:** Not reported  
- **Staff Initials:** Not reported  
- **Board File Number:** Not reported  
- **Facility Type:** Not reported  
- **Discharge Date:** Not reported  
- **Incident Description:** 95407-6805

**Date Reported:** 01/26/1993  
- **Staff Initials:** SAW  
- **Board File Number:** 072930000  
- **Facility Type:** UNKNOWN  
- **Discharge Date:** Not reported  
- **Incident Description:** 95407-6805A SAMPLE COLLECTED FROM A DRIN KING WATERWELL WAS FOUND TO CONTAIN CARB ON TERTRACHLORIDE & CHLOROFORAM

### W83
**Site:** YELLOW & ROADWAY FREIGHT  
**Address:** DUTTON AVENUE 270  
**City/State:** SANTA ROSA, CA 95407  
**ID:** NE 1/2-1 3751

**State LUST:**  
- **Cross Street:** Not reported  
- **Qty Leaked:** Not reported  
- **Case Number:** 1T50241

**LUST**  
- **Location:** Cortese  
- **ID:** S104164498

---

TC755802.4s  Page 69
YELLOW & ROADWAY FREIGHT (Continued)

- **Reg Board:** North Coast Region
- **Chemical:** Gasoline
- **Lead Agency:** Regional Board
- **Case Type:** Aquifer affected
- **Status:** Signed off, remedial action completed or deemed unnecessary
- **County:** Sonoma
- **Abate Method:** No Action Required - incident is minor, requiring no remedial action
- **Review Date:** 2/1/1989
- **Workplan:** 5/9/1989
- **Pollution Char:** 2/28/1992
- **Permed Action:** 2/28/1992
- **Close Date:** 2/28/1992
- **Release Date:** 2/1/1989
- **Cleanup Fund Id:** Not reported
- **Discover Date:** 2/1/1989
- **Enforcement Dt:** 10/25/1993
- **Enf Type:** Not reported
- **Enter Date:** 2/1/1989
- **Funding:** Responsible Party
- **Staff Initials:** Not reported
- **How Discovered:** Other Means
- **How Stopped:** Other Means
- **Interim:** Not reported
- **Leak Cause:** Not reported
- **Leak Source:** Not reported
- **MTBE Date:** Not reported
- **Max MTBE GW:** Not reported
- **MTBE Tested:** Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
- **Priority:** A
- **Local Case #:** 00001105
- **Beneficial:** MUN, AGR, IND
- **Staff:** ZZZ
- **GW Qualifies:** Not reported
- **Max MTBE Soil:** Not reported
- **Soil Qualifies:** Not reported
- **Hydr Basin #:** RUSSIAN RIVER
- **Operator:** JOHN A. PIFER
- **Oversight Prgm:** RB Lead Underground Storage Tank
- **Oversight Prgm:** UST
- **Review Date:** 4/13/1988
- **Stop Date:** 2/1/1989
- **Work Suspended:** Not reported
- **Responsible Party:** PIFER PROPERTIES
- **RP Address:** 520 S. 52ND STREET, STE. 209 TEMPE
- **Global Id:** T0609700182
- **Org Name:** Not reported
- **Contact Person:** Not reported
- **MTBE Conc:** 0
- **Mtbe Fuel:** 1
- **Water System Name:** CITY OF SANTA ROSA UTIL
- **Well Name:** GRACE WELL - AGRICULTURAL
- **Distance To Lrsl:** 1524.6220068155506824969170609
- **Waste Discharge Global Id:** W0609710009
- **Waste Disch Assigned Name:** 07N008W-23M01 M

**LUST Region:** 1
- **Facility ID:** 1TSO241
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<tr>
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<th>LUST Sonoma County</th>
<th>Regional Board</th>
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<td>1</td>
<td>Closed</td>
<td>0001105 SONOMA</td>
<td>North Coastal Regional Water Quality Board</td>
<td>Reg Id: 1TS0241 Region: CORTESE Reg By: Leaking Underground Storage Tanks</td>
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<th>Facility ID: 49510002 Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD</th>
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<tr>
<td>Status Date: 09/27/1993 Lead: Not reported Region: 2 - BERKELEY</td>
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</table>
SHELL OIL WHOLESALE PLANT (Continued)

Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 51 WHOLESALE TRADE - NONDURABLE GOODS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

X87
SSW
12-1
3787
Lower

STONY POINT ROAD / NORTH POINT PARKWAY
SANTA ROSA, CA 95403

Site 1 of 2 in cluster X

CHMIRS:
OES Control Number: 9117211
DOT Hazard Class: Not Reported
Chemical Name: BRICK MORTOR
Extent of Release: Not reported
CAS Number: Not reported
Environmental Contamination: Water
Incident Date: 23-MAY-91

DOT ID: Not reported
Quantity Released: Not reported
Property Use: 099
Date Completed: 23-MAY-91

X88
SSW
12-1
3801
Lower

OPTICAL COATING LABORATORY INC
STORM DRAIN @ NORTHPOINT
SANTA ROSA, CA 95402

Site 2 of 2 in cluster X

NOTIFY 65:
Data Reported: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582
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<th>EPA ID Number</th>
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<td>U000067371</td>
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<td>89 Notify 65</td>
<td>Not reported 1TSR109 CORTESE</td>
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<td>Reg Id: 1TSR109 Region: CORTESE</td>
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<td>89 Site 1 of 2 in cluster Y</td>
<td>SANTA ROSA CIRCUITS 35 / 49 WEST BARHAM AVENUE SANTA ROSA, CA 95407</td>
<td>1000395378</td>
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<td>89 Lead Agency: N/A</td>
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<td>SIC: 36 MANU - ELECTRONIC &amp; OTHER ELECTRIC EQUIP</td>
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<td>Type Name: Not reported</td>
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<td>89 No. of Contamination Sources: 0</td>
<td>Lat/Long: 0° 0' 0.00&quot; / 0° 0' 0.00&quot;</td>
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<td>89 Lat/Long Method: Not reported</td>
<td>State Assembly District Code: Not reported</td>
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<td>91 ANGIE KENDALL</td>
<td>Notify 65 2611 GIFFEN AVENUE SANTA ROSA, CA 93582</td>
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ANGIE KENDALL (Continued)

NOTIFY 65:
Date Reported: Not reported  Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

92  ZEDRICK, DAVE
ENE  SEBASTOPOL AVENUE 111
1/2-1  SANTA ROSA, CA
4184  Higher

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TSC058
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants

Review Date: 9/21/1987  Confirm Leak: 9/21/1987
Pollution Char: 12/1/1989  Remed Plan: 12/1/1989
Close Date: 1/6/2000
Release Date: 9/21/1987
Cleanup Fund Id: Not reported
Discover Date: 9/21/1987
Enforcement Dt: 1/6/2000
Enf Type: Not reported
Enter Date: 8/24/1987
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Yes
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: 1/1/1965
Max MTBE GW: 50
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: ZZZ
GW Qualifies: <=
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: Dave Zedrick
Oversight Prgm: RB Lead Underground Storage Tank

TC755802.4s  Page 74
ZEDRICK, DAVE (Continued)

Oversight Frgm : UST
Review Date : 1/6/2000
Stop Date : 9/21/1987
Work Suspended : Not reported
Responsible Party : BLANK RP
RP Address : Not reported
Global Id: T0609700037
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
MTBE Fuel: 1
Water System Name: CORBY AVENUE APARTMENTS
Well Name: WELL01
Distance To Lust: 1634.307261937182991034657363
Waste Discharge Global Id: W0609700858
Waste Disch Assigned Name: 07N/08W-26L02 M

LUST Region 1:
Facility ID: 1TS0058
Region: 1
Staff Initials: Closed

CORTESE:
Reg Id: 1TS0058
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

SHELL SERVICE STATION
NNE
255 DUTTON AVENUE
SANTA ROSA, CA

LUST Region 1:
Facility ID: 1TS0079
Region: 1
Staff Initials: WTE

NOTIFY 65:
Date Reported: 11/22/1996
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: UNKNOWN
Discharge Date: Not reported
Incident Description: Not Reported

CORTESE:
Reg Id: 1B1S0079NUG
Region: CORTESE
Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

Reg Id: 1TS0079
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Y94
East
BARHAM, WEST 60
1/2-1
SANTA ROSA, CA

Higher Site 2 of 2 in cluster Y
SCHNEIDER, EGON (Continued)

State LUST:
  Cross Street: Not reported
  Qty Leaked: Not reported
  Case Number: ITSO364
  Reg Board: North Coast Region
  Chemical: Gasoline
  Lead Agency: Local Agency
  Local Agency: 48000
  Case Type: Aquifer affected
  Status: Pollution characterization
  County: Sonoma
  Abate Method: No Action Required - incident is minor, requiring no remedial action
  Review Date: 5/25/1990
  Pollution Char: Not reported
  Remed Action: Not reported
  Close Date: Not reported
  Release Date: 5/14/1990
  Cleanup Fund Id: Not reported
  Discover Date: 5/14/1990
  Enf Type: Not reported
  Enter Date: 5/25/1990
  Funding: Responsible Party
  Staff Initials: Not reported
  How Discovered: Other Means
  How Stripped: Other Means
  Interim: No
  Leak Cause: Not reported
  Leak Source: Not reported
  MTBE Date: 4/14/1998
  Max MTBE GW: 10
  MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
  Finitity: A
  Local Case #: 00001299
  Beneficial: MUN, AGR, IND
  Staff: HAZ
  GW Qualifies: =
  Max MTBE Soil: Not reported
  Soil Qualifies: Not reported
  Hydr Basin #: RUSSIAN RIVER
  Operator: EGON SCHNEIDER
  Oversight Prgm: Local Oversight Program UST
  Oversight Prgm: LOP
  Review Date: 11/3/2000
  Stop Date: 5/14/1990
  Work Suspended: Not reported
  Responsible Party: EGON SCHNEIDER
  RP Address: Not reported
  Global Id: T0609700264
  Org Name: Not reported
  Contact Person: Not reported
  MTBE Conc: 1
  Mtbe Fuel: 1
  Water System Name: AVALON APARTMENTS
  Well Name: WELL 01
  Distance To Lust: 1619.7797850008469421963777962
SCHNEIDER, EGN (Continued)

Waste Discharge Global ID: W0609700889
Waste Disch Assigned Name: 07N/08W-27A08 M

LUST Region 1:
Facility ID: 1TS0364
Region: 1
Staff Initials: HAZ

LUST Sonoma County:
Facility Id: 00001299
Region: SONOMA
Reported: 04/10/90
Date Closed: Not reported
Regional Board: North Coastal Regional Water Quality Board
Closed/Referred: Not reported

CORTESCE:
Reg Id: 1TS0364
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Z95
NE
285 ROBERTS AVE
SANTA ROSA, CA 95402
1/2-1
4351
Higher

Site 1 of 3 in cluster Z

RCRIS:
Owner: NOT REQUIRED
Contact: ENVIRONMENTAL MANAGER
(415) 555-1212
(415) 454-9055
Record Date: 02/28/1991
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:
Cross Street: Not reported
Qly Leaked: Not reported
Case Number: 1TS0087
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49000
Case Type: Aquifer affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 9/20/1987
Confirm Leak: 9/20/1987
Workplan: 10/18/1989
Prelim Assess: 10/18/1989
Pollution Char: 9/10/1986
Remed Plan: 9/10/1996
Remed Action: 8/15/1995
Monitoring: 8/15/1995
Close Date: 9/4/1998
SHAMROCK MATERIALS INC  (Continued)

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<td>MUN, AGR, IND</td>
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<td>Hydr Basin #</td>
<td>RUSSIAN RIVER</td>
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<td>Operator</td>
<td>SHAMROCK MATERIALS</td>
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<td>Oversight Pgm</td>
<td>RB Lead Underground Storage Tank</td>
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<td>Mtbe Fuel</td>
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Water System Name: CITY OF SANTA ROSA UTIL
Well Name: GRACE WELL - AGRICULTURAL
Distance To Lust: 1470.5251466612651015871684454
Waste Discharge Global ID: W0609710009
Waste Disch Assigned Name: 07N/08W-23M01 M

LUST Region 1:
- Facility ID: 1TS0087
- Region: 1
- Staff Initials: Closed

LUST Sonoma County:
- Facility Id: 00012510
- Region: SONOMA
- Reported: 11/13/86
- Date Closed: 07/01/92
- Regional Board: North Coastal Regional Water Quality Board
- Closed/Referred: R

CORTESSE:
- Reg Id: 1TS0087
- Region: CORTESSE
**SHAMROCK MATERIALS INC (Continued)**

Reg By: Leaking Underground Storage Tanks

AST:
- Region: I
- Owner: SHAMROCK MATERIALS, INC.
  - ATTN: PAUL CHEETHAM

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<th>Z96</th>
<th>NE</th>
<th>1/2-1</th>
<th>4376</th>
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<td></td>
<td>C D BATTERIES DIV OF ELTRA CORP</td>
<td></td>
<td>265 ROBERTS AVE</td>
<td>SANTA ROSA, CA</td>
<td>95401</td>
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**CERCLIS Classification Data:**
- Site Incident Category: Not reported
- Non NPL Status: RIN
- Ownership Status: Unknown

**CERCLIS Assessment History:**
- Assessment: DISCOVERY
- Assessment: PRELIMINARY ASSESSMENT
- Assessment: SITE INSPECTION

**CERCLIS Site Status:**
- High

**CERCLIS Alias Name(s):**
- C & D BATTERIES DIV OF ELTRA CORP

**RCRIS:**
- Owner: MARKET WHOLESALE GROCERY COMPANY
  - (707) 526-3350
- Contact: ENVIRONMENTAL MANAGER
  - (707) 546-8665
- Date: 05/01/1996
- Classification: Small Quantity Generator
- Used Oil Recycle: No
- Violation Status: No violations found

**FINDS:**
- Other Pertinent Environmental Activity Identified at Site:
  - Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
  - Facility Registry System (FRS)
  - Resource Conservation and Recovery Act Information System (RCRAINFO)

**CAL-SITES:**
- Facility ID: 49360004
- Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
- Status Date: 09/27/1993
- Lead: Not reported
- Region: 2 - BERKELEY
- Branch: NC - NORTH COAST
- File Name: Not reported
- Status Name: PROPERTY/SITE REFERRED TO RWQCB
- Lead Agency: N/A
- NPL: Not reported
- SIC: 36 MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
- Facility Type: N/A
- Type Name: Not reported

EDR ID Number: 1000593502

EDR ID Number: 1000109846

EDR ID Number: CAD041651027

EDR ID Number: TSCA

EDR ID Number: Cal-Sites

EDR ID Number: HAZNET
C D BATTERIES DIV OF ELTRA CORP (Continued)

| Staff Member Responsible for Site | Not reported |
| Supervisor Responsible for Site   | Not reported |
| Region Water Control Board        | NC - NORTH COAST |
| Access                           | Not reported |
| Cortese                          | Not reported |
| Hazardous Ranking Score          | Not reported |
| Date Site Hazard Ranked          | Not reported |
| Groundwater Contamination        | Not reported |
| No. of Contamination Sources     | 0 |
| Lat/Long                         | 0° 0' 0.00" / 0° 0' 0.00" |
| Lat/long Method                  | Not reported |
| State Assembly District Code     | Not reported |
| State Senate District            | Not reported |

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

HAZNET:

Gepaid: CAD041651027
Tepaid: CAD059494310
Gen County: Sonoma
Tsd County: Santa Clara
Tons: .4587
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Disposal, Other
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: (707) 526-3350
Mailing Address: P.O. BOX 999
          SANTA ROSA, CA 94502
County: Sonoma

Gepaid: CAD041651027
Tepaid: CAD059494310
Gen County: Sonoma
Tsd County: Santa Clara
Tons: .0075
Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Other
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: (707) 526-3350
Mailing Address: P.O. BOX 999
          SANTA ROSA, CA 94502
County: Sonoma

Gepaid: CAD041651027
Tepaid: CAD059494310
Gen County: Sonoma
Tsd County: Santa Clara
Tons: .0000
Category: Disposal Method: Disposal, Other
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: (707) 526-3350
Mailing Address: P.O. BOX 999
          SANTA ROSA, CA 94502
County: Sonoma
REDWOOD CHEMICAL
2450 STONEY POINT ROAD
SANTA ROSA, CA 95407

CAL-SITES:
Facility ID: 49280008
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD
Status Date: 03/25/1995
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Contact: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

SQUARE DEAL AUTO WRECKING
214 ROBERT AVENUE
SANTA ROSA, CA 95401

CAL-SITES:
Facility ID: 49500005
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD
Status Date: 10/08/1993
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 50 WHOLESALE TRADE - DURABLE GOODS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
SQUARE DEAL AUTO WRECKING (Continued)

Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

99 SANTA ROSA PLATING WORKS
East 80 BARHAM
1/2-1 SANTA ROSA, CA 95407
4415 Higher

CAL-SITES:
Facility ID 49340003
Status: NFA - NO FURTHER ACTION FOR DTSC
Status Date: 01/07/2000
Lead: Not reported
Region: 2 - RFRKFI FY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: NO FURTHER ACTION FOR DTSC
Lead Agency: N/A
NPL: Not reported
SIC: 34 MANU - FABRICATED METAL PRODUCTS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

100 MC GOWEN AUTO WRECKERS
NE 116 HOLBROOK STREET
1/2-1 SANTA ROSA, CA 95401
4431 Higher

Cal-Sites S100183344
N/A

TC755802.4s Page 82
MC GOWEN AUTO WRECKERS (Continued)

CAL-SITES:
Facility ID: 49500015
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD
Status Date: 10/08/1993
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 50 WHOLESALE TRADE - DURABLE GOODS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 00' 0.00" / 0° 00' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

101
ESE
1/2-1
4476
Higher

CHMIRS S100276589
N/A

BAKER AVENUE / ROSEMONT DRIVE
SANTA ROSA, CA 95401

CHMIRS:
OES Control Number: 8100109
DOT ID: 1971
DOT Hazard Class: Gases
Chemical Name: NATURAL GAS
Extent of Release: Not reported
CAS Number: Not reported
Environmental Contamination: Air
Incident Date: 02-FEB-91
Quantity Released: Not reported
Property Use: County/City Road
Date Completed: 02-FEB-91

AA 102
ENE
1/2-1
4480
Higher

Site 1 of 3 in cluster AA

Cal-Sites S102860967
N/A

POINT ST. GEORGE FISHERIES
8 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Cal-Sites

TC755802.4s Page 83
POINT ST. GEORGE FISHERIES (Continued)

Status Date: 05/10/1988
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 20 MANU - FOOD & KINDRED PRODUCTS

Facility Type: Not reported
Type Name: N/A
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

ALLEFAX
SEBASTOPOL ROAD 1
1/2-1
SANTA ROSA, CA 95404
4504
Higher

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TSR342
Reg Board: North Coast Region
Chemical: Unleaded Gasoline
Lead Agency: Regional Board
Local Agency: 49060
Case Type: Aquifer affected
Status: Preliminary site assessment underway
County: Sonoma
Abate Method: No Action Required - incident is minor, requiring no remedial action
Review Date: 9/16/1998
Workplan: 1/5/2001
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 9/9/1998
Cleanup Fund Id: Not reported
Discover Date: 9/9/1998
Enforcement Dt: 1/1/1985
Enf Type: 13267 letters for enforcement
Enter Date: 9/16/1998
Funding: Responsible Party
Staff Initials: Not reported

LUST S103393094
Cortese N/A

TC755802.4s Page 84
ALLEFAX (Continued)

How Discovered: Other Means
How Stopped: Other Means
Interim: No
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: 4/10/2001
Max MTBE GW: 1.18
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: A
Local Case #: Not reported
Beneficial: MUN, AGR, IND
Staff: WTE
GW Qualifies: =
Max MTBE Soil: 5
Soil Qualifies: <
Hydr Basin #: RUSSIAN RIVER
Operator: ALLEFAX C/O ALADDIN MORTGAGE
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm: UST
Review Date: 3/14/2001
Stop Date: 9/9/1998
Work Suspended: Not reported
Responsible Party: ALLEFAX C/O ALADDIN MORTGAGE
RP Address: Not reported
Global Id: T0609700760
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: CITY OF SANTA ROSA UTIL
Well Name: GRACE WELL - AGRICULTURAL
Distance To Lust: 1570.7096514638117067552400857
Waste Discharge Global Id: W0609710009
Waste Disch Assigned Name: 07N/08W-23M01 M

LUST Region 1:
Facility ID: 1TSR342
Region: 1
Staff Initials: WTE

CORTES:
Reg Id: 1TSR342
Region: CORTES
Reg By: Leaking Underground Storage Tanks

FOUCHE BROS
SE
2290 DUTTON AVENUE
1/2-1
4508
SANTA ROSA, CA 95401

CAL-SITES:
Facility ID: 49500004
Status: REFERW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY
CONTROLBOARD (RWQCB) LEAD
Status Date: 09/27/1993
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
FOUCHE BROS (Continued)

Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A
NPL: Not reported
SIC: 50 WHOLESALE TRADE - DURABLE GOODS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/lon Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site. Please contact your EDR Account Executive for more information.

AA105 POINT ST. GEORGE FISHERIES
ENE 8 SEBASTOPOL AVE
1/2-1 SANTA ROSA, CA 95401
4558 Higher
Site 3 of 3 in cluster AA

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1TSR019
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 49080
Case Type: Aquifer affected
Status: Pollution characterization
County: Sonoma
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 9/23/1987
Workplan: 4/1/1987
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 8/24/1987
Cleanup Fund Id: Not reported
Discover Date: 8/24/1987
Enforcement Dt: 8/17/2001
Enf Type: LTR
Enter Date: 8/24/1987
Funding: Responsible Party
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Yes
Leak Cause: Not reported

Confirm Leak: 9/23/1987
Prelim Assess: 4/1/1987
Remed Plan: Not reported
Monitoring: Not reported
POINT ST. GEORGE FISHERIES (Continued)

Leak Source: Not reported
MTBE Date: 8/19/1998
MTBE Groundwater: 4.6
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: WTE
GW Qualifies: =
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: RUSSIAN RIVER
Operator: JOHN B. MOLINARI
Oversight Pgm: CWS Lead Underground Storage Tank
Oversight Pgm: UST
Review Date: 3/27/2001
Stop Date: 8/24/1987
Work Suspended: Not reported
Responsible Party: JOHN B. MOLINARI
RP Address: Not reported
Global Id: T0609700542
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 1702.9546682764878091365887387
Waste Discharge Global Id: Not reported
Waste Disch Assigned Name: Not reported
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 1NSR019
Reg Board: North Coast Region
Chemical: Waste Oil
Lead Agency: Regional Board
Local Agency: Not reported
Case Type: Aquifer affected
Status: Pollution characterization
County: Sonoma
Review Date: Not reported
Workplan: 6/1/1987
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 9/23/1987
Cleanup Fund Id: Not reported
Discover Date: 9/23/1987
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1/1/1987
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim: Not reported
Confirm Leak: Not reported
Prelim Assess: 6/1/1987
Remed Plan: Not reported
Monitoring: Not reported
REVIEW THE DOCUMENT AND WRITE THE NATURE OF ITS CONTENT IN THE TEXT BOX PROVIDED.

### POINT ST. GEORGE FISHERIES (Continued)

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<thead>
<tr>
<th>Field</th>
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<td>Hydr Basin #:</td>
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<td>Operator:</td>
<td>POINT ST GEORGE FISHERIES</td>
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<td>Oversight Prgm:</td>
<td>Spills, Leaks, Investigations and Cleanup UST</td>
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<td>Oversight Prgm:</td>
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**LUST Region 1:**
- **Facility ID:** 1TSR019
- **Region:** 1
- **Staff Initials:** WTE

**HAZNET:**
- **Gepaid:** CAD095655825
- **Tepaid:** CAD083166728
- **Gen County:** Sonoma
- **Tsd County:** Stanislaus
- **Tons:** 1.5846
- **Category:** Unspecified oil-containing waste
- **Disposal Method:** Not reported
- **Contact:** Not reported
- **Telephone:** (000) 000-0000
- **Mailing Address:** 8 SEBASTOPOL AVE
  - SANTA ROSA, CA 95401
- **County:** Sonoma
POINT ST. GEORGE FISHERIES (Continued)

Gepaid: CAD095655825  
Tepaid: CAL000161743  
Gen County: Sonoma  
Tsd County: Santa Clara  
Tons: 0.1668  

Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 8 SEBASTOPOL AVE
                   SANTA ROSA, CA 95401
County: Sonoma

Gepaid: CAD095655825  
Tepaid: CAL000161743  
Gen County: Sonoma  
Tsd County: Santa Clara  
Tons: 1.1425  

Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 8 SEBASTOPOL AVE
                   SANTA ROSA, CA 95401
County: Sonoma

CORTÈSE:
Reg Id: 1TSR019  
Region: CORTÈSE  
Reg By: Leaking Underground Storage Tanks

FID:
Facility ID: 490000066  
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported
Status: Active
Mail To: Not reported
         P O BOX
         SANTA ROSA, CA 95401
Contact: Not reported
DU/Na No: Not reported
Creation: 10/22/93
EPA ID: Not reported
Comments: Not reported

UST HIST:
Facility ID: 30986  
Tank Num: 1
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: TONY DELIMA
Total Tanks: 2
Facility Type: 2
Facility ID: 30986  
Tank Num: 2
Tank Capacity: 10000

Regulate ID: 00030986  
SIC Code: Not reported
Facility Tel: (707) 542-9490
Contact Tel: Not reported
NPDES No: Not reported
Modified: 00/00/00

Container Num: 1
Year Installed: 1980
Tank Construction: Not reported
Telephone: (707) 542-9490
Region: STATE
Other Type: SEAFOOD PROCESSING
Container Num: 2
Year Installed: 1980
POINT ST. GEORGE FISHERIES (Continued)

Tank Used for: PRODUCT
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: TONY DELIMA
Total Tanks: 2
Facility Type: 2

Tank Construction: Not reported
Telephone: (707) 542-9490
Region: STATE
Other Type: SEAFOOD PROCESSING

CITY OF SANTA ROSA PUBLIC WORKS
130 WEST THIRD STREET
SANTA ROSA, CA 95401

Cal-Sites S101482548
N/A

106 NE 1/2-1
4640 Higher

CAL-SITES:
Facility ID: 49160001
Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO OTHER AGENCY LEAD
Status Date: 06/07/1994
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency: N/A
NPL: Not reported
SIC: 16 HEAVY CONSTRUCTION, EXCEPT BUILDING
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC - NORTH COAST
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

107 SE 1/2-1
4808 Higher

RAYS FOOD STORE
DUTTON AVENUE 2423
SANTA ROSA, CA 95407

LUST S101304918
Cortese N/A

State LUST:
Cross Street: Not reported
City Leaked: Not reported
Case Number: 1TS0013
Reg Board: North Coast Region
Chemical: Gasoline
Lead Agency: Local Agency
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<td><strong>Operator:</strong></td>
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**LUST Region 1:**
- **Facility ID:** 1TS0013
- **Region:** 1
- **Staff Initials:** HAZ
APPENDIX E
Offsite Investigation Reports
Introduction

The California Regional Water Quality Control Board, North Coast Region, has prepared this fact sheet to inform interested community members about groundwater contamination in the Roseland area of Santa Rosa. This fact sheet provides information about groundwater contamination in the area and describes ongoing efforts to investigate and cleanup the contamination. It includes specific information organized into the following sections:

- Introduction
- Site Location and Description
- Agency Roles
- History of Investigations
- Current and Future Activities
- Successful Cleanups
- Health and Safety Concerns
- Property Impacts
- Public Involvement Opportunities
- Glossary
- Map of Red Zone/Yellow Zone
- Hydrologic Cycle
- Information Repositories

This fact sheet represents a compilation and summary of the available information collected by the various agencies working in the Roseland area, including the current status of activities in this area.

Another fact sheet, titled “The McMinn Avenue Site Well Testing Fact Sheet” is also available. It provides general information about groundwater and well water testing for owners or users of wells in areas with known or suspected groundwater contamination.

Throughout this fact sheet, words appearing in italics are defined in the glossary on page 12.

Site Location and Description

The McMinn Avenue Site is located in Sonoma County (County), in the southwest area of Santa Rosa, west of Highway 101 and south of Highway 12. The City of Santa Rosa (City) has annexed some of the affected area, but much of the site remains within the unincorporated area. Most of the contamination originates along Sebastopol Road between Highway 101 and Kenmore Lane (see the map on page 13). In 1984, Department of Toxic Substances Control (DTSC) designated a 2,000-foot radius around the intersection of McMinn Avenue and Sebastopol Road as a “Local Study Area” and a one-mile radius around that intersection as the “Regional Study Area.” These designations provided the first areas for intensive study because little was known about the nature and extent of groundwater contamination at that time. The “Study Area” designations were
developed to assist in the understanding of the local hydrogeology and the behavior of the groundwater contamination.

Investigations have defined the sources of most of the contamination; therefore, the circular Regional and Local Study Area designations are no longer used. Based on the current understanding of the sources and extent of contamination, Red Zone, Yellow Zone, and Blue Zone designations are used. The Red Zone designation is used to encompass the known limit of a release of halogenated volatile organic compounds (HVOCs) that has at least one source near the intersection of Sebastopol Road and West Avenue. The Yellow Zone encompasses the surrounding industrial and residential areas in Roseland that are known to have groundwater contamination from a variety of previous commercial and industrial activities in the area. Together, the Red Zone and the Yellow Zone define the boundaries of the McMinn Avenue Site. The Red and Yellow zones also contain petroleum-related contamination. Although it is currently believed that the Blue Zone is unaffected by contamination originating from the Sebastopol Road area, very little well testing has occurred in the Blue Zone and little is known about the groundwater quality there. It is also important to note that there may be other unknown sources of groundwater contamination in the Blue Zone that are not related to the McMinn Avenue Site. Therefore, it is recommended that all residents have their domestic well tested (see “Property Impacts” section on page 9).

Many of the identified sources of contamination are existing or former service stations, vehicle yards, dry cleaners, and various commercial businesses with underground storage tanks. Soil and groundwater is contaminated with petroleum hydrocarbons (such as gasoline or diesel fuel) and HVOCs, such as solvents. Petroleum hydrocarbon and solvent contamination has been found in the shallow and deeper water bearing zones. Contaminated water supply wells have been found on Avalon Avenue, Burbank Avenue, Dutton Avenue, Emmy Lou Court, Goodman Avenue, Hampton Way, McMinn Avenue, Stony Point Road, Roseland Avenue, Ruby Court, Sebastopol Road, Sugar Bear Lane, Sunset Avenue, and West Avenue.

Therefore, the Regional Water Board recommends that residents in the Red and Yellow Zones explore all the options to ensure that they have a safe and secure source of water. As discussed further in the “Property Impacts” section located on page 9, grants or loans may also be available to fund well destruction and connection to the municipal water system. To further understand how contamination affects the groundwater, a graphic representation of various types of groundwater contamination has been included on page 14.

As shown on the map (page 13), there are several known source areas for petroleum hydrocarbon and/or HVOC contamination. This map also provides an overall view of the known source areas relative to the Red, Yellow and Blue zones. All of these known source areas are at some stage of investigation or cleanup.

Currently, the Regional Water Board, Sonoma County, and the South Park County Sanitation District are working together under the Roseland Plan of Action to provide residents with a safe water supply, identify additional sources of groundwater contamination, define the extent of contamination, and investigate remedial alternatives for the Red Zone. The Roseland Plan of Action is discussed in more detail under the “Current and Future Activities” section on page 6.

Agency Roles

There are several agencies and committees involved in the McMinn Avenue area:

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (US EPA):** This federal agency has conducted assessments within the area to assist the Regional Water Board. The Regional Water Board has historically received some funding from US EPA to conduct site assessments in the region, including several within the McMinn area.

**CALIFORNIA-EPA (CAL-EPA):** This state agency includes the Regional Water Board and the DTSC. The agency is not a part of the US EPA.

**REGIONAL WATER BOARD:** The Regional Water Board is the state agency overseeing all
of the individual site cleanup investigations and remedial actions in the area and has been the local clearinghouse for information on the contamination, including contaminated well sampling information. Since 1995, the Regional Water Board has been the lead agency for the entire McMinn Avenue Site. The Regional Water Board closely coordinates activities in the area with the Environmental Health Division of the Sonoma County Department of Health Services, the City of Santa Rosa and other federal, state and local agencies. The Regional Water Board and the City of Santa Rosa are actively involved in the installation of a water main in Emmy Lou Court and connecting these properties to city water. The Regional Water Board is also a signatory to the Roseland Plan of Action, which is discussed in more detail under the “Current and Future Activities” on page 6.

DEPARTMENT OF HEALTH SERVICES (DHS): This state agency is responsible for regulating the use of public drinking water wells. In addition, the Environmental Investigations Branch evaluates health exposure risks from contaminated sites on behalf of the US EPA and provides information to the Regional Water Board on the site.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC): This state agency was the lead agency from 1984 until 1995 for requiring investigation and cleanup of the McMinn Avenue Site. In 1995, the DTSC referred oversight of the McMinn Avenue Site to the Regional Water Board and is no longer involved in the day-to-day activities in the area. This agency is available for emergency response actions.

SONOMA COUNTY DEPARTMENT OF HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION (SCEHD): This county agency is involved with county-wide environmental health issues, and oversees local health issues related to use of/exposure from contaminated drinking water wells. This agency works in close coordination with the DHS and recommends destruction of water wells in the McMinn Avenue Site to prevent exposure to potentially contaminated groundwater.

CITY OF SANTA ROSA UTILITIES DEPARTMENT (SRPUD): This city agency provides potable water and approves connections to Santa Rosa’s municipal water supply. Five-year payment plans are available through this agency for connecting to city water. See the “Property Impacts” section on page 9 for more information on this program.

SONOMA COUNTY (COUNTY): The County government manages and coordinates each of the various County agencies, including those mentioned in this Fact Sheet. The County is a signatory to the Roseland Plan of Action, which is discussed in more detail under the “Current and Future Activities” on page 6.

SONOMA COUNTY WATER AGENCY (SCWA): This agency is responsible for the wholesale delivery of potable water to the City of Santa Rosa, Sonoma County and the northern part of Marin County. SCWA also is involved in various flood control projects in Sonoma County. SCWA provides personnel to maintain and operate various sanitation zones in Sonoma County, including the South Park County Sanitation District. Although the SCWA is not a County agency, the Sonoma County Board of Supervisors serves as the board of directors to the SCWA.

SOUTH PARK COUNTY SANITATION DISTRICT (SPCSD): This sanitation district provides wastewater collection within Roseland and the Southwest area of Santa Rosa. The SCWA provides the personnel to maintain and operate the wastewater collection system in this district. The SPCSD is also a signatory to the Roseland Plan of Action, which is discussed in more detail under the “Current and Future Activities” on page 6.

SONOMA COUNTY PERMIT AND RESOURCE MANAGEMENT DEPARTMENT (PRMD): This county agency issues permits for new water wells and well abandonments in Sonoma County.

SONOMA COUNTY COMMUNITY DEVELOPMENT COMMISSION (CDC): This agency oversees the Roseland Redevelopment plan for the Roseland area (not to be confused with the separate Southwest Redevelopment area, which is administered by the City of Santa Rosa). CDC also administers grants that are available to fund well destructions and water connections, and loans that are available for property rehabilitation. See the “Property Impacts” section on page 9 for more information on these programs.
SONOMA COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS:
This county agency evaluates and plans infrastructure improvements and is constructing the road improvements for Sebastopol Road.

SANTA ROSA REDEVELOPMENT AGENCY:
This agency has jurisdiction within the City of Santa Rosa. Rehabilitation loans are available through this agency, which can be used to fund well destructions and connection to city water. See the “Property Impacts” section on page 9 for more information on this program.

SANTA ROSA DEPARTMENT OF PUBLIC WORKS: This agency is cooperating with the other agencies in developing an information base on the contamination in the area and providing expertise to other agencies. This agency and the Regional Water Board are also actively involved in the installation of a water main in Emmy Lou Court and connecting these properties to city water.

History of Investigations

Contamination at the site was first brought to the attention of the Regional Water Board and County officials in 1981 through several complaints of gasoline odors in well water. Samples of domestic well water collected in response to the complaints revealed various contaminants in drinking water and irrigation wells. Some wells contained gasoline, diesel, and HVOCs such as chlorinated solvents. These wells were located in the vicinity of McMinn Avenue, Roseland Avenue, Sebastopol Road and near Dutton Avenue.

In 1984, the Regional Water Board determined that no source for the contamination could be readily identified, and both the County and the Regional Water Board requested that DTSC add the site to the State Superfund list to assess the contamination and protect public health. DTSC added the site to the list in November 1985. This listing enabled DTSC to fund work on the site as no responsible parties had yet been identified.

One year after the listing, DTSC completed a preliminary investigation that confirmed that groundwater samples from seven of the 38 private wells tested contained contaminants at levels above the State safe drinking water standards (referred to as the Primary Maximum Contaminant Levels [MCL]). The contaminants included soluble petroleum hydrocarbons and HVOCs. Some of the contaminants detected were:

- Tetrachloroethylene (PCE)
- 1,2-dichloroethane (1,2-DCA)
- Vinyl chloride
- Benzene

The study recommended further testing of potential sources of contamination, including businesses with underground storage tanks.

Twelve monitoring wells were installed by DTSC in 1988, and petroleum hydrocarbons were found in five of the wells, two of which produced liquid gasoline floating on the water table. Chlorinated solvents were detected in two wells, one of which contained 1,2-DCA and the other contained PCE, trichloroethylene (TCE) and 1,2-dichloroethylene (1,2-DCE). The Regional Water Board, in cooperation with DTSC, began to identify suspected sources of the contamination and to require those responsible to begin assessment and cleanup of releases of petroleum hydrocarbons and solvents to the environment.

In March 1992, gasoline vapors were detected in sewers and businesses along Sebastopol Road. The County declared a local state of emergency on March 31, 1992 due to the buildup of potentially explosive vapors in the sewer system along Sebastopol Road between West Avenue and Roseland Avenue.

The Regional Water Board issued an emergency Cleanup and Abatement Order to the Beacon service station, which had a gasoline leak to the sewer line. The leaking gasoline tanks and lines were removed, and a soil and groundwater remediation system was installed at the Beacon site. The sewer line has since been lined in this area to prevent infiltration of contaminated groundwater.

The County and the Regional Water Board conducted a comprehensive domestic well sampling effort in late March and early April 1992 in response to the state of emergency. Sixty-one domestic wells were sampled for gasoline, diesel, and HVOCs. Three of the 61 private wells tested positive for petroleum
In 1992, the Regional Water Board requested assessment assistance from the US EPA to aid in determining other potential source areas. From November 1992 through January 1993, the US EPA conducted an extensive field investigation in the area to:

- Determine the extent of petroleum hydrocarbon contamination from known sources
- Identify other sources of contamination
- Determine whether shallow groundwater contamination was entering Roseland Creek.

The investigation included the collection and analysis of 116 groundwater samples from 59 locations and identified several previously unknown properties as sources of petroleum hydrocarbon or solvent contamination. The investigation also concluded that the threat of a petroleum hydrocarbon or solvent release to Roseland Creek via contaminated shallow groundwater was minimal.

In 1995, the Regional Water Board became the lead agency in the investigation and cleanup of soil and groundwater contamination within the McMinn Avenue Site.

In June 1996, the Regional Water Board sampled 17 private wells and, for the first time, included methyl tertiary butyl ether (MtBE) in the lab analysis. Two of the 17 wells were contaminated with gasoline and eight wells were contaminated with chlorinated solvents. MtBE was not detected in any of the 17 wells. However, the samples were tested using an analytical method that was available in 1996, but is no longer recommended today.

In 1997, the Regional Water Board collected samples of soil and groundwater from 24 locations in the vicinity of Roseland Elementary School to further determine the sources of contamination under the school. The work resulted in an agreement between three former and currently operating service stations to work cooperatively to complete the investigation and mitigate this petroleum hydrocarbon release. These service stations are currently completing the application process for acceptance into the commingled plume account, which is managed by the State Water Resources Control Board Underground Storage Tank Fund.

In July 1998, a contractor working for the US EPA conducted the initial soil gas and indoor air survey of the Roseland Elementary School. The primary purpose of this work was to evaluate the threat of exposure from solvent or petroleum hydrocarbon vapors migrating through the soil and into the buildings.

From June through August 1998, Regional Water Board staff conducted an investigation of soil and groundwater contamination near the intersection of Sebastopol Road and West Avenue as part of a grant arrangement with the US EPA. The primary purpose of the investigation was to determine the source and mechanism of the solvent release to the environment and to sample private wells downgradient (southwest) of the intersection. Ninety-one groundwater samples and 27 soil samples were collected with a Geoprobe®, a truck mounted hammer/punch soil probe.

In August and September 1998, the Regional Water Board and US EPA sampled a total of 64 private wells for HVOCs and MtBE (and other fuel oxygenates). Approximately 15 of the 64 wells also were sampled for gasoline. Gasoline was not detected in those wells. Seventeen of the 64 wells were found to be contaminated with MtBE and eight were contaminated with HVOCs, primarily chlorinated solvents.

All of the previously mentioned investigative work ultimately resulted in the Roseland Plan of Action in July 1999. The Roseland Plan of Action is an agreement between the Regional Water Board and the County/SPCSD in which the County/SPCSD will complete the investigation and explore options for mitigation of the HVOC release. The Roseland Plan of Action is discussed in greater detail in the “Current and Future Activities” section on page 6.

In June 1999, the Regional Water Board sampled an additional 29 wells for HVOCs, MtBE and arsenic. Twenty-two of the wells also were analyzed for gasoline. Neither gasoline nor arsenic was detected in any of the wells. Two wells were contaminated with MtBE and two wells were contaminated with HVOCs. In July 1999, the Regional Water Board also
conducted additional soil gas and indoor air sampling at the Roseland Elementary School.

The Regional Water Board continues to require responsible parties to investigate and cleanup contamination. Thirty-eight sites are undergoing investigation and cleanup activities under the direction of the Regional Water Board and thirteen of these sites have completed the petroleum hydrocarbon cleanup and have been issued closure notices that require no further action.

**Current and Future Activities**

The Roseland Plan of Action is a cooperative agreement between the County, the SPCSD, and the Regional Water Board to investigate the source and extent of the HVOC contamination originating along Sebastopol Road near West Avenue. As mentioned previously, this HVOC contamination is currently believed to be bounded by the area known as the Red Zone (see figure on page 13). In 1998, the Regional Water Board conducted an extensive source area investigation at and near this intersection, but had limited information on how far the contamination had spread. Therefore, the Roseland Plan of Action included the following main elements:

- The County/SPCSD is to conduct an investigation to determine the overall depth and extent of the HVOC contamination that is believed to originate from the area near the intersection of Sebastopol Road and West Avenue. The investigations are to culminate with a final report on the extent of contamination and remediation alternatives to be submitted by the County/SPCSD no later than February 15, 2002.
- County/SPCSD submittal of monthly progress reports on the status of the HVOC investigation and water connections (as appropriate).
- Development of an Outreach Plan to coordinate open and regular communication between the involved government agencies and the community in the Roseland area.
- Annual soil gas sampling conducted at the Roseland Elementary School through the year 2005.
- Connection of 18 Red Zone properties to the city water system by the County/SPCSD at no cost to the property owners, including a provision for additional connections as appropriate based on the results of the ongoing HVOC investigation.
- Assistance from the Regional Water Board for the connections to city water, including the properties on Emmy Lou Court, as provided for by the State Water Resources Control Board’s Cleanup and Abatement Account funds.
- County/SPCSD funding for additional Regional Water Board sampling and staff time.

The following sections briefly describe the work that has occurred, or is scheduled to occur, as required by the Roseland Plan of Action.

**HVOC INVESTIGATION**

In September 1999, the SPCSD submitted a plan to the Regional Water Board for investigating the HVOC contamination (Investigation Plan). As part of the Investigation Plan, the SPCSD conducted a study of the soil gas and indoor air at the Roseland Elementary School during December 1999. This study was intended to determine if contaminants present in the groundwater were affecting the air quality inside the school buildings or in the playground areas.

The December 1999 study by a toxicologist concluded that the types of low-level contamination found in the indoor air presented an estimated risk that “is not unusual for what is considered typical exposure to indoor air.” To confirm the results of the December 1999 study, a follow-up study of the indoor and outdoor air was conducted during the first week of February 2000. The preliminary results of this follow up study agree with the results of the December 1999 study. The County/SPCSD will continue to monitor ambient air and soil gas conditions annually to verify these results over a longer period of time.

In April 2000, drilling was conducted to better characterize the hydrogeology in the Roseland area and to identify the locations for the monitoring well network proposed by the SPCSD.

Groundwater sampling of up to 20 domestic wells in the Roseland area is also conducted every three months. The purpose of the domestic well sampling is to get more
information on the current extent of the HVOC contamination and how it changes over time. The initial domestic well sampling occurred during January and March 2000. During these sampling events, the SPCSD sampled a total of 17 domestic wells, most of which were in the Red Zone. A total of three chemical compounds were detected during this sampling round: Freon® 12, MtBE, and PCE. Freon® 12 was detected in one domestic well, PCE was detected in three domestic wells, and MtBE was detected in nine domestic wells. Of these detections, one domestic well had a level of PCE higher than California’s Primary MCL for drinking water, and one domestic well had a level of MtBE higher than the Secondary MCL for taste and odor in drinking water. Both properties are currently connected to city water.

A second round of domestic well sampling was completed during the end of June 2000. During this sampling event, the SPCSD sampled a total of 13 domestic wells, most of which were in the Red Zone. A total of five chemical compounds were detected during this sampling round: Freon® 12, 1,2-DCE, TCE, PCE, and MtBE. Freon® 12, 1,2-DCE, TCE, and PCE was detected in one domestic well. MtBE was detected in three domestic wells. Of these detections, one domestic well had a level of PCE higher than California’s Primary MCL for drinking water. This property is currently connected to city water.

In July 2000, 6 monitoring wells were sampled to provide additional information for refining the placement of several new monitoring wells proposed by the SPCSD. The results of this sampling indicated the presence of HVOCs in 3 of the 6 monitoring wells and components of petroleum hydrocarbons in 4 of the 6 monitoring wells.

A third round of domestic well sampling in the McMinn Avenue Site and soil gas/ambient air sampling at the Roseland Elementary School was completed during the end of September 2000. At the time of this printing, the results for these sampling events were not yet available. Installation of 6 monitoring well clusters was also completed during the week of October 16, 2000.

Upcoming investigative work may include the installation of additional monitoring wells, further investigation of the sources of contamination, continued groundwater sampling at domestic wells (and monitoring wells as they are installed), and annual sampling of the ambient air and soil gas at the Roseland Elementary School.

CONNECTIONS TO MUNICIPAL WATER

Of the properties in the Red Zone not connected to City water, 18 were selected in the Roseland Plan of Action to be connected to City Water. Because these properties used only well water for domestic purposes, there was the possibility for direct exposure to the groundwater contamination. The Roseland Plan of Action requires that the County/SPCSD make alternative water supply available to these 18 properties. All of these properties have now been connected to the city water system.

EMMY LOU COURT WATER MAIN
INSTALLATION: In February 2000, the City of Santa Rosa and the Regional Water Board representatives signed a contract for the installation of a water main in Emmy Lou Court. The contract allows for the water main installation and connection of eight residential properties to the city water system. The installation is scheduled to be completed by September 2001 and is jointly funded by the City of Santa Rosa and the Regional Water Board using the State Water Resources Control Board’s Cleanup and Abatement Account funds. However, in the interim, the City of Santa Rosa installed water filters on all eight of the properties to protect the residents in the event their well becomes contaminated.

OTHER CURRENT AND FUTURE ACTIVITIES

The following are some other current and future activities occurring in the Roseland area:

OUTREACH PLAN: The Outreach Plan for the HVOC Investigation and Mitigation in the Roseland Area (Outreach Plan) was developed as a requirement of the Roseland Plan of Action. The Outreach Plan is a dynamic tool that provides for cooperation between the involved agencies, assures communication to the public and residents of the area, assists the public with the paperwork necessary to be connected to city water, educates the public about investigation and mitigation of contamination in the area, and provides translation services to the diverse population within the Roseland area. The Outreach Plan provides for quarterly public meetings (or as necessary) within the Roseland
area to inform residents of recent developments, and provides a forum for residents to ask questions and express their concerns. In March and July 2000, community meetings were held between the various agencies involved with contamination issues and the citizens of the Roseland area. Also included in the Outreach Plan is a list of agency contacts and telephone numbers.

**EDUCATIONAL EVENTS:** Both formal and informal events are held for public education regarding the contamination within the McMinn area. These events were designed to involve parents and children from the McMinn area, educate them about soil and groundwater contamination, and how to prevent pollution. One such event, the Educational Forum was held at the Roseland Elementary School in the summer of 1998. Another such event, the annual Summer Splash, was held during the summer in 1999 and 2000 at the Roseland Elementary School. Many involved agencies, community groups, and private companies hosted the event and donated time and materials. Prizes were awarded to participants in educational games.

**US EPA ENVIRONMENTAL JUSTICE GRANT:** In the fall 1999, Santa Rosa Memorial Hospital received a US EPA Environmental Justice Grant on behalf of the Citizens Cleanup Coalition. This grant is being used at Roseland Elementary School to establish a community environmental program for the children and parents of this community and to address environmental issues through outreach to community groups.

**SEBASTOPOL ROAD, PHASE IIA PROJECT:** This project consists of construction and replacement of underground utilities between Burbank Avenue and Avalon Avenue. This project will be constructed under the Sebastopol Road Widening Project and is also scheduled to begin during fall/winter of 2000.

**SEBASTOPOL ROAD WIDENING, Phase IIB PROJECT:** The Sebastopol Road widening project is scheduled to go from Burbank Avenue to Avalon Avenue. This project is currently scheduled to begin during 2000/2001.

**DUTTON, WEST, WESTWOOD PROJECT:** This project consists of replacement and rehabilitation of 6,862 linear feet of the existing sewer collection system along portions of Dutton, West Avenue, and Westwood Avenue. Construction is expected to have begun during the summer of 2000.

**KENMORE LANE AREA PROJECT:** This project consists of rehabilitation and replacement of 4,719 linear feet of the existing sewer collection system in Kenmore Lane, Mesa Way, Janero Drive, and Stony Point Road from Rose to Janero. Construction is anticipated during 2001/2002.

**BURBANK AVENUE PROJECT:** This project consists of the replacement of approximately 1,160 linear feet of existing sewer collection system extending south from Sebastopol Road along Burbank Avenue. Construction is anticipated during 2001/2002.

**Successful Cleanups**

Thirteen petroleum-contaminated sites in the area have completed investigation and cleanup activities and have been issued case closure letters. A few of these sites have residual petroleum hydrocarbon contamination remaining, which is expected to naturally degrade in a few years. Some sites also have solvent contamination in wells, the source of which is still unknown and is being investigated. The 13 sites that have completed petroleum hydrocarbon cleanup are:

1. Continental Baking, 1840 Sebastopol Road
2. Gardner’s Aid, 1050 Sebastopol Road
3. Harriman Brothers, 375 Sebastopol Road
4. Laidlaw Transit, 959 Sebastopol Road
5. Murrill Trucking, 439 Roseland Avenue
6. NorCal Glass, 673 Sebastopol Road
7. Talmadge Wood, 1594 Hampton Way
8. Yellow and Roadway Freight, 270 Dutton Avenue
9. Withers Car Wash, 1450 Sebastopol Road
10. Kevin Chang, 1580 Hampton Way
11. Shamrock Materials, 285 Roberts Avenue
12. Dave Zedrick, 111 Sebastopol Road
13. Santa Rosa Value Center, Sebastopol Road at Stony Point Road

Another 25 sites are still conducting investigation and cleanup activities of all
contaminants (see the map on page 13). A detailed staff update on the status of all 25 sites will be given to the Regional Water Board during a public Regional Water Board meeting to be held in early 2001. If you would like to have a copy of the detailed site updates mailed to you, or if you would like to attend this upcoming Regional Water Board meeting, please contact the Regional Water Board staff listed on page 11.

Health and Safety Concerns

The primary concern in the McMinn area is health effects from drinking contaminated well water. Unless the water is tested, it is not possible to know if the water is safe for drinking or other domestic uses. Water from private wells should be tested for contamination. Public water supplies provided by the City of Santa Rosa are safe to use and drink.

The “McMinn Avenue Site Well Testing Fact Sheet” contains more detail on water well contamination and assessment. Copies are available at the Regional Water Board office by calling (707) 576-2220. In addition, the Regional Water Board keeps records of previous domestic well testing done by environmental consultants and public agencies. These records may be obtained by calling the staff contacts listed on Page 11.

Property Impacts

Property owners in the Roseland area are concerned about the impact of the groundwater contamination, investigations, and cleanup activities on their properties. Many people have called the Regional Water Board with property-related questions. This section of the fact sheet responds to some of the most commonly asked questions.

Is my property contaminated?
None of the agencies involved can answer this question unless investigation activities have been conducted on your property. The Regional Water Board has files on each of the sites shown on the map on page 13. The Regional Water Board also has domestic well sampling information on some addresses in the Roseland area.

Will I be held responsible for the cleanup of contamination under my house?
The Regional Water Board will not hold a homeowner financially responsible for the investigation and cleanup of contaminated groundwater unless the homeowner has caused or contributed to the release or spread of the groundwater contamination.

Do I have to pay for the sampling of my well?
During sampling events where the Regional Water Board requests to sample your well, we will test your domestic well at no charge. If you request that the Regional Water Board sample your well, you will be informed at that time if we can test your well at no charge. In some instances, free testing may not be available. We encourage all people to have their well tested if they use the well for any purpose (including irrigation).

If you wish to sample the well yourself, the Regional Water Board recommends that you contact an analytical laboratory or an environmental consultant to collect the sample. Generally, for the types of chemical contamination that occurs in the McMinn Avenue Site, the Regional Water Board recommends that these samples are analyzed using US EPA test method 8260 low-level (including fuel oxygenates).

Why can’t I drill a new water supply well?
Both the City and the County passed ordinances in 1999 that effectively prohibit drilling any new water supply wells inside the Red Zone, or within 2,000 feet of the outer boundaries of the Red Zone. Under these new City and County ordinances, new water wells can only be installed if it can be proven that the well(s) will not affect the spread of contamination and the City/County approve the project.

Why am I being told that I must connect to city water?
Both the City and the County passed ordinances in 1999 that require all properties inside the Red Zone to connect to city water if they are using well water for household purposes. These ordinances also prohibit cross connection between the well and the city’s water system and are intended to protect residents from exposure to potentially contaminated water.
If I sell, lease, or rent my property, do I have to disclose that it is, or may be, contaminated?

California Health and Safety Code Section 25359.7 requires owners of non residential property to inform buyers, lessees or renters in writing if the property is affected by a release of a hazardous substance. It also requires that lessees or renters of residential or nonresidential property notify the owner of the property in writing if the property is affected by a release of a hazardous substance.

California Civil Code, Section 1102 (et seq.) requires the seller of a residential property to inform any buyer of the existence of environmental hazards affecting the property. The hazards include, but are not limited to, “asbestos, formaldehyde, radon gas, lead-based paint, fuel or chemical storage tanks, and contaminated soil or water of the subject property.” Federal and local laws may contain additional requirements, as this is a rapidly changing area of the law. If you own, lease, rent, or intend to sell property where there has been a release of a hazardous substance or if your property is near known or suspected sources of contamination, it is suggested that you consult with an attorney familiar with real estate disclosure law.

The State Department of Real Estate offers a publication titled, “Disclosures of Real Property Transactions.” You can get a copy by sending a self-addressed, stamped envelope with the request, and $2 plus sales tax (7.75%), to:

Department of Real Estate
Book Orders
P.O. Box 187006
Sacramento, CA 95818-7006

You also may order this information by downloading form RE-350 from the Department of Real Estate web site at www.dre.ca.gov/forms.htm. More information on the “Disclosures of Real Property Transactions” can be found on the Department of Real Estate web site at www.dre.ca.gov/cnsmpub.htm.

If my well is contaminated, who will pay to get my house or business hooked up to city water and close down my well?
The 18 properties listed in the Roseland Plan of Action were connected to city water at no cost to the property owners. If other properties are found to be affected by the HVOC contamination, such properties will be evaluated on a case-by-case basis to determine if the County/SPCSD will provide connection to the city water system at no cost to the property owner. If you connect to city water, a backflow device or well destruction may be required to prevent potential contamination of the city’s water system.

- If you live in an unincorporated area: County residents may be eligible for grants to fund water connections and well destructions, and loans to fund property rehabilitation. These grant and loan programs are available to low and moderate-income families living in the unincorporated portions of the Roseland Redevelopment area. These programs are offered through the Sonoma County Community Development Commission. If you are interested in learning more about these programs, call Steve McCoy at (707) 524-7545.

County residents may also be eligible for a five-year payment plan to defer some of the costs associated with connecting to city water. This program is offered through the City of Santa Rosa Utilities Department. If you are interested in learning more about this program, call Linda Reed at (707) 543-3958.

Furthermore, during the end of 1999, the City of Santa Rosa eliminated the surcharge for city water supplied to properties within the unincorporated (County) areas of the Red Zone.

- If you live within the City of Santa Rosa: City residents may be eligible for a low interest rehabilitation loan through the City of Santa Rosa Community Development Department that can be used for water connections and well destruction. If you are interested in learning more about this program, call Nancy Gornowicz at (707) 543-3300.

City residents may also be eligible for a five-year payment plan to defer some of the costs associated with connecting to city water. This program is offered...
through the City of Santa Rosa Utilities Department. If you are interested in learning more about this program, call Linda Reed at (707) 543-3958.

Public Involvement Opportunities

Agencies encourage public involvement in their decisions related to the McMinn Avenue site investigation and cleanup. The following organizations and community groups provide a forum for public input into this process:

CITIZENS CLEANUP COALITION (CCC): This community-based organization meets monthly to discuss contamination issues in the Roseland area. The CCC also represents the public in the Outreach Plan. All meetings are open to the public. You may contact Sharon Marchetti of the CCC at (707) 547-4887 for additional information.

SOUTHWEST AREA CITIZENS GROUP (SWACG): The goal of this community-based organization is to provide recreational opportunities for youth in the southwest area. SWACG meets once per month, where other issues such as fund raising for team uniforms, scholarships to graduating Elsie Allen High School seniors, field trips for youth groups, and improvements to public recreational facilities are discussed. SWACG also hosts the Southwest Design Team, an ad hoc group that periodically reviews pending development proposals for aesthetics, adverse impacts, and neighbor involvement. All meetings are open to the public. You may contact Jim Paschal of SWACG at (707) 579-8882 for additional information.

SOUTHWEST AREA REDEVELOPMENT PLAN AND PROJECT AREA COMMITTEE (PAC): The PAC is a group of elected Southwest area citizen representatives that meets regularly to review and advise both the community and the City's Redevelopment Agency on issues related to the redevelopment of the southwest area. These meetings are public and anyone can attend. Call Chaney Delair at City of Santa Rosa Housing and Redevelopment office for the schedule of meetings and location at (707) 543-3300.

COMMUNITY CARE: The organization focuses on developing leadership in the community and facilitating discussion and resolution of a variety of issues that are of concern to the community. You may contact Arnulfo Barragan of Community Care at (707) 546-3399 for additional information.

For Additional Information

If you are interested in reviewing the documents discussed in this fact sheet, you may visit one of the information repositories listed on Page 16.

If you would like additional information about the McMinn Avenue site, or if you have any questions, please contact one of the Regional Water Board representatives listed below.

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damien O'Bid</td>
<td>(707) 576-2552</td>
</tr>
<tr>
<td>Stephen Bargsten</td>
<td>(707) 576-2653</td>
</tr>
<tr>
<td>Susan Warner</td>
<td>(707) 576-2697</td>
</tr>
</tbody>
</table>

For More Information

If you have questions about the McMinn Avenue Site, please call the Regional Water Board:

- Damien O'Bid (707) 576-2552
- Stephen Bargsten (707) 576-2653
- Susan Warner (707) 576-2697
Glossary

1,2-DICHLOROETHANE (1,2-DCA): A volatile organic compound used as a solvent and gasoline additive.

1,2-DICHLOROETHYLENE (1,2-DCE): Typically found in groundwater as the product of the biological breakdown of TCE or PCE.

BENZENE: A petroleum derivative and widely used solvent in the chemical industry. Benzene evaporates and is readily absorbed by breathing, ingestion, or contact with the skin. Benzene is listed as a cancer-causing chemical under Proposition 65.

CLEAN UP AND ABATEMENT ORDER: An order issued by the Regional Water Board to a responsible party to stop and abate any discharge of waste, or stop any potential discharge of waste, that can impact surface waters or groundwater.

FREON® 12: A refrigerant that was commonly used in refrigerators and was also used as a solvent. Freon® 12 is generally absorbed by inhalation. Due to concerns about depletion of the earth's ozone layer, this chemical is now only used in very limited applications in the United States.

GROUNDWATER: Water beneath the earth's surface that flows through soil and rock openings and often serves as a drinking water source through wells.

HALOGENATED VOLATILE ORGANIC COMPOUNDS (HVOCs): Compounds that include solvents and which readily evaporate. HVOCs are part of a group of chemicals that are typically used for parts cleaning, in the dry cleaning industry, and various manufacturing industries.

HYDROGEOLOGY: The scientific study of the interaction of water and soils and geologic materials.

MONITORING WELLS: Wells designed and constructed specifically for water quality testing and evaluation of groundwater contamination.

METHYL TERTIARY BUTYL ETHER (MtBE): An oxygenating compound added to gasoline. MtBE moves through soil and groundwater more rapidly and a longer distance than other substances in gasoline. MtBE is a gasoline additive first used sporadically in the late 1970's as an octane booster and more recently used extensively in California to meet clean air requirements.

PETROLEUM HYDROCARBONS: Organic compounds derived from oil, such as gasoline, diesel, motor oils, waste oil, and their fractions, such as benzene.

PRIMARY MAXIMUM CONTAMINANT LEVEL (MCL): Primary MCLs are drinking water standards adopted by the California Department of Health Services (DHS). An MCL is the result of "risk management" determinations that take into account not only the human health risk assessment, but also factors such as the chemical's detectability and treatability, as well as the costs of treatment. DHS is required by Health and Safety Code §116365(a) to establish a contaminant's MCL at a level as close as is technically and economically feasible to the level that has shown no adverse health effects, placing primary emphasis on the protection of public health.

PROPOSITION 65: In November 1986, California voters approved an initiative to address growing concerns about exposures to toxic chemicals. That initiative became The Safe Drinking Water and Toxic Enforcement Act of 1986, better known by its original name: Proposition 65. Proposition 65 requires the Governor to publish a list of chemicals that are known to the State of California to cause cancer, birth defects, or other reproductive harm. This list must be updated at least once a year.

RESPONSIBLE PARTIES: Individuals or corporate entities that are considered legally liable for contamination found on a property and, therefore, responsible for cleanup of the contamination. Unless they have contributed to the contamination, homeowners are not held responsible for contamination on their property.

SECONDARY MAXIMUM CONTAMINANT LEVEL (MCL): Secondary MCLs are established by the California Department of Health Services for a number of chemicals, characteristics or constituents and address taste, odor, or appearance of drinking water.

SOIL GAS: Gas in the spaces between soil particles. This gas can be from liquid contaminants in the soil or groundwater.

SOLVENTS: Toxic substances capable of dissolving other substances to form a solution. Solvents are used for dry cleaning, paints, varnishes, lacquers, industrial cleaners, printing inks, parts cleaning, and other purposes.

STATE SUPERFUND: A financial account used to pay for cleanup of hazardous waste sites in the State of California.

TETRACHLOROETHYLENE (PCE): A volatile organic compound often used as an industrial degreasing agent and a dry cleaning agent. Also known as Perc.

TRICHLOROETHYLENE (TCE): A volatile organic compound often used as an industrial degreasing agent and a dry cleaning agent.

VINYL CHLORIDE: A volatile organic compound widely used in the plastics industry, and also may form in soil and water as a breakdown product of solvents. It is listed as a cancer-causing compound under Proposition 65.

VOLATILE: A description used for substances that readily evaporate at normal temperature and pressure.

WATER TABLE: In a shallow groundwater zone, the water table is the depth at which free water is first encountered in a monitoring well.
Hydrologic Cycle

Time to restore aquifer for drinking water use:

Petroleum Hydrocarbons ................................................................. Decades
(Without cleanup)

Petroleum Hydrocarbons ................................................................. A few years
(With removal of leaked fuel and highly contaminated soils)

Solvents .......................................................................................... Centuries
(Without cleanup)

Solvents .......................................................................................... Decades to centuries
(With removal of leaked solvents and highly contaminated soils)
Information Repositories

The Regional Water Board repository houses the most up-to-date, specific information on individual sites and other information related to the overall McMinn Avenue Site. Other repositories primarily contain important reports and documents related to the McMinn Avenue Site Investigation and Community Outreach.

<table>
<thead>
<tr>
<th>Repositories</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Regional Water Board</strong></td>
<td>Monday: 1:30 p.m. – 4:30 p.m.</td>
</tr>
<tr>
<td>5550 Skylane Boulevard, Suite A</td>
<td>Tuesday: 8:30 a.m. – 11:30 am and 1:30 p.m. – 4:30 p.m.</td>
</tr>
<tr>
<td>Santa Rosa, CA 95403</td>
<td>Wednesday: 8:30 a.m. – 11:30 am and 1:30 p.m. – 4:30 p.m.</td>
</tr>
<tr>
<td>(707) 576-2220</td>
<td>Thursday: 8:30 a.m. – 11:30 am and 1:30 p.m. – 4:30 p.m.</td>
</tr>
<tr>
<td><strong>People for Economic Opportunity</strong></td>
<td>Friday: 8:30 a.m. – 11:30 a.m.</td>
</tr>
<tr>
<td>555 Sebastopol Road, Suite A</td>
<td>Sat./Sun.: Closed</td>
</tr>
<tr>
<td>Santa Rosa, CA 95407</td>
<td>Monday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>(707) 544-6911</td>
<td>Tuesday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td><strong>Sonoma County Public Library</strong></td>
<td>Wednesday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Third and E Streets</td>
<td>Thursday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Santa Rosa, California</td>
<td>Friday: 8:30 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>(707) 545-0831</td>
<td>Sat./Sun.: Closed</td>
</tr>
<tr>
<td><strong>Known appointment needed.</strong></td>
<td>Monday: 12:00 p.m. – 9:00 p.m.</td>
</tr>
<tr>
<td><strong>NCRWQCB</strong></td>
<td>Tuesday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td>5550 Skylane Boulevard, Suite A</td>
<td>Wednesday: 9:30 a.m. – 9:00 p.m.</td>
</tr>
<tr>
<td>Santa Rosa, CA 95403</td>
<td>Thursday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Friday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Saturday: 9:30 a.m. – 6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Sunday: 2:00 p.m. – 6:00 p.m.</td>
</tr>
<tr>
<td>ECON</td>
<td>Client Project ID: 1400 Burbank</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>241 South Main Street</td>
<td>Date Received: 02/12/10</td>
</tr>
<tr>
<td>Sebastopol, CA 95472</td>
<td>Client Contact: Andy Rodgers</td>
</tr>
<tr>
<td></td>
<td>Client P.O.:</td>
</tr>
</tbody>
</table>

**WorkOrder: 1002353**

February 16, 2010

Dear Andy:

Enclosed within are:

1) The results of the 1 analyzed sample from your project: 1400 Burbank,
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.
<table>
<thead>
<tr>
<th>SAMPLE ID</th>
<th>LOCATION</th>
<th>SAMPLING</th>
<th>MATRIX</th>
<th>METHOD PRESERVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>DW-1</td>
<td></td>
<td>2-11-10</td>
<td>19:30</td>
<td>4 VOA x</td>
</tr>
<tr>
<td>DW-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DW-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Analysis Request**
- MTBE, Xylenes & TPH as Carb (602-1931 + 1013)
- MTBE, Xylenes ONLY (602-1932)
- TPH as Diesel (5519 BFR/2)
- Total Petroleum Hydrocarbons (5519 FCC)
- EAF 5516/5517/5518 (CRS, CRU, UPA Filtered)
- Total Petroleum Hydrocarbons (5519 CRU, CRS, UPA Filtered)
- TPH as Diesel (5519 BFR/2, UPA Filtered)
- EPAs 619/689/2830 (UF, UC, UPA Filtered)
- EPAs 619/689/2830 (UF, UC, UPA Filtered)
- EPAs 619/689/2830 (UF, UC, UPA Filtered)
- EPAs 619/689/2830 (UF, UC, UPA Filtered)
- EPA 1617 Metals (208.7/208.8/208.9/208.10/208.11)
- EPA 1617 Metals (208.7/208.8/208.9/208.10/208.11)

**Filter Samples for Metals analysis:**
- Yes / No

**COMMENTS:**
- GOOD CONDITION
- HEADSPACE ABSENT
- DECARBOXYLATED IN LAB
- APPROPRIATE CONTAINERS
- PRESERVED IN LAB
**McCampbell Analytical, Inc.**
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

**CHAIN-OF-CUSTODY RECORD**

**WorkOrder:** 1002353  
**ClientCode:** ECON

<table>
<thead>
<tr>
<th>Report to:</th>
<th>Email:</th>
<th>Bill to:</th>
<th>Requested TAT:</th>
</tr>
</thead>
</table>
| Andy Rodgers  
ECON  
241 South Main Street  
Sebastopol, CA 95472  
(707) 789-0262  
FAX 707-823-8725 | Andy Rodgers  
ECON  
241 South Main Street  
Sebastopol, CA 95472 | 2 days |

| PO: | Date Received: 02/12/2010  
Date Printed: 02/12/2010 |
|-----|--------------------------|

<table>
<thead>
<tr>
<th>Client ID</th>
<th>ProjectNo:</th>
<th>WorkOrder:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353</td>
<td>1400 Burbank</td>
<td>1002353-001</td>
</tr>
</tbody>
</table>

| Lab ID | Client ID | Matrix | Collection Date | Hold | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--------|-----------|--------|-----------------|------|----|----|----|----|----|----|----|----|----|----|----|
| 1002353-001 | DW-1 | Water | 2/11/2010 14:30 | B A C | | | | | | | | | | | |

**Test Legend:**

1 8260B_W  
2 G-MBTEX_W  
3 TPH(DMO)_W  
4  
5  
6  
7  
8  
9  
10  
11  
12

**Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

Prepared by: Samantha Arbuckle
**Sample Receipt Checklist**

**Client Name:** ECON  
**Project Name:** 1400 Burbank  
**WorkOrder N°:** 1002353  
**Matrix:** Water  
**Carrier:** Rob Pringle (MAI Courier)  
**Date and Time Received:** 2/12/2010 5:55:07 PM  
**Checklist completed and reviewed by:** Samantha Arbuckle

### Chain of Custody (COC) Information

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chain of custody present?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Chain of custody signed when relinquished and received?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Chain of custody agrees with sample labels?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Sample IDs noted by Client on COC?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Date and Time of collection noted by Client on COC?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Sampler's name noted on COC?</td>
<td>☑</td>
<td></td>
</tr>
</tbody>
</table>

### Sample Receipt Information

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custody seals intact on shipping container/cooler?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shipping container/cooler in good condition?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Samples in proper containers/bottles?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample containers intact?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sufficient sample volume for indicated test?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Sample Preservation and Hold Time (HT) Information

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>All samples received within holding time?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Container/Temp Blank temperature</td>
<td></td>
<td></td>
<td>NA</td>
</tr>
<tr>
<td>Cooler Temp:</td>
<td>2.8°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water - VOA vials have zero headspace / no bubbles?</td>
<td>☑</td>
<td></td>
<td>No VOA vials submitted</td>
</tr>
<tr>
<td>Sample labels checked for correct preservation?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal - pH acceptable upon receipt (pH&lt;2)?</td>
<td>☑</td>
<td></td>
<td>NA</td>
</tr>
<tr>
<td>Samples Received on Ice?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Ice Type: WET ICE)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*NOTE: If the "No" box is checked, see comments below.*

---

**Client contacted:**  
**Date contacted:**  
**Contacted by:**

**Comments:**
**Volatile Organics by P&T and GC/MS (Basic Target List)**

**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Work Order:** 1002353

<table>
<thead>
<tr>
<th>Compound</th>
<th>Concentration *</th>
<th>DF</th>
<th>Reporting Limit</th>
<th>Compound</th>
<th>Concentration *</th>
<th>DF</th>
<th>Reporting Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>tert-Amyl methyl ether (TAME)</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Bromobenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Bromochloromethane</td>
<td>ND</td>
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<td>0.5</td>
<td>Bromodichloromethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Bromoform</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Bromomethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>2-Butanone (MEK)</td>
<td>ND</td>
<td>1.0</td>
<td>2.0</td>
<td>t-Butyl alcohol (TBA)</td>
<td>ND</td>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>n-Butyl benzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>sec-Butyl benzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>tert-Butyl benzene</td>
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<td>1.0</td>
<td>0.5</td>
<td>Carbon Disulfide</td>
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<tr>
<td>Carbon Tetrachloride</td>
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<td>0.5</td>
<td>Chlorobenzene</td>
<td>ND</td>
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<td>0.5</td>
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<tr>
<td>Chloroethane</td>
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<td>0.5</td>
<td>Chloroform</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Chloromethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>2-Chlorotoluene</td>
<td>ND</td>
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</tr>
<tr>
<td>4-Chlorotoluene</td>
<td>ND</td>
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<td>0.5</td>
<td>Dibromochloromethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,2-Dibromo-3-chloropropane</td>
<td>ND</td>
<td>1.0</td>
<td>0.2</td>
<td>1,2-Dibromoethane (DB)</td>
<td>ND</td>
<td>1.0</td>
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<tr>
<td>Dibromomethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,4-Dichlorobenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
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<tr>
<td>1,3-Dichlorobenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,1-Dichloroethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Dichlorodifluoromethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,1-Dichloroethene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,2-Dichloroethane (1,2-DCA)</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,1-Dichloroethene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>cis-1,2-Dichloroethene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>trans-1,2-Dichloroethene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,2-Dichloropropene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,3-Dichloropropene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>cis-1,3-Dichloropropene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>trans-1,3-Dichloropropene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Diisopropyl ether (DIPE)</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Ethylbenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Ethyl tert-butyl ether (ETBE)</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Freon 113</td>
<td>ND</td>
<td>1.0</td>
<td>10</td>
</tr>
<tr>
<td>Hexachlorobutadiene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Hexachloroethene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>2-Hexanone</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Isopropylbenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>4-Isopropyl toluene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Methyl-t-butyl ether (MTBE)</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Methylene chloride</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>4-Methyl-2-pentanone (MIBK)</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>n-Propyl benzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Styrene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,1,1,2-Tetrachloroethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,1,2,2-Tetrachloroethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Tetrachloroethene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Toluene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,2,3-Trichlorobenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,2,4-Trichlorobenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,1,1-Trichloroethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,1,2-Trichloroethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Trichloroethene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Trichlorofluoromethane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,2,3-Trichloropropane</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>1,3,5-Trimethylbenzene</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Vinyl Chloride</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
<td>Xylenes</td>
<td>ND</td>
<td>1.0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

**Surrogate Recoveries (%)**

| %SS1: | 108 | %SS2: | 113 | %SS3: | 86 |

**Comments:**

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.
## Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Client ID</th>
<th>Matrix</th>
<th>TPH(g)</th>
<th>MTBE</th>
<th>Benzene</th>
<th>Toluene</th>
<th>Ethylbenzene</th>
<th>Xylenes</th>
<th>DF</th>
<th>% SS</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>001A</td>
<td>DW-1</td>
<td>W</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>1</td>
<td>97</td>
<td></td>
</tr>
</tbody>
</table>

- Reporting Limit for DF = 1:
  - ND means not detected at or above the reporting limit

<table>
<thead>
<tr>
<th>W</th>
<th>50</th>
<th>5.0</th>
<th>0.5</th>
<th>0.5</th>
<th>0.5</th>
<th>0.5</th>
<th>µg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>1.0</td>
<td>0.05</td>
<td>0.005</td>
<td>0.005</td>
<td>0.005</td>
<td>0.005</td>
<td>mg/Kg</td>
</tr>
</tbody>
</table>

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

# cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
### Total Extractable Petroleum Hydrocarbons

**Extraction method:** SW3510C  
**Analytical methods:** SW8015B  
**Work Order:** 1002353

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Client ID</th>
<th>Matrix</th>
<th>TPH-Diesel (C10-C23)</th>
<th>TPH-Motor Oil (C18-C36)</th>
<th>DF</th>
<th>% SS</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001C</td>
<td>DW-1</td>
<td>W</td>
<td>ND</td>
<td>ND</td>
<td>1</td>
<td>97</td>
<td></td>
</tr>
</tbody>
</table>

**Reporting Limit for DF = 1:**  
ND means not detected at or above the reporting limit

<table>
<thead>
<tr>
<th>Matrix</th>
<th>50</th>
<th>250</th>
<th>µg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>NA</td>
<td>NA</td>
<td>mg/Kg</td>
</tr>
</tbody>
</table>

* Water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

# Cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

---

DHS ELAP Certification 1644  
Angela Rydelius, Lab Manager
## QC SUMMARY REPORT FOR SW8260B

**W.O. Sample Matrix:** Water  
**QC Matrix:** Water  
**BatchID:** 48675  
**WorkOrder:** 1002353

### EPA Method SW8260B Extraction SW5030B

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Sample</th>
<th>Spiked</th>
<th>MS</th>
<th>MSD</th>
<th>MS-MSD</th>
<th>LCS</th>
<th>LCSD</th>
<th>LCS-LCSD</th>
<th>Acceptance Criteria (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>µg/L</td>
<td>µg/L</td>
<td>% Rec.</td>
<td>% Rec.</td>
<td>% RPD</td>
<td>% Rec.</td>
<td>% Rec.</td>
<td>% RPD</td>
<td>MS / MSD</td>
</tr>
<tr>
<td>tert-Amyl methyl ether (TAME)</td>
<td>ND</td>
<td>10</td>
<td>95.3</td>
<td>97.5</td>
<td>2.30</td>
<td>82.4</td>
<td>86.9</td>
<td>5.25</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>10</td>
<td>111</td>
<td>109</td>
<td>1.75</td>
<td>101</td>
<td>102</td>
<td>0.624</td>
<td>70 - 130</td>
</tr>
<tr>
<td>t-Butyl alcohol (TBA)</td>
<td>ND</td>
<td>50</td>
<td>94.3</td>
<td>100</td>
<td>6.12</td>
<td>72.2</td>
<td>80</td>
<td>10.2</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Chlorobenzene</td>
<td>ND</td>
<td>10</td>
<td>115</td>
<td>113</td>
<td>1.80</td>
<td>107</td>
<td>105</td>
<td>1.90</td>
<td>70 - 130</td>
</tr>
<tr>
<td>1,2-Dibromoethane (EDB)</td>
<td>ND</td>
<td>10</td>
<td>113</td>
<td>113</td>
<td>0</td>
<td>99.4</td>
<td>102</td>
<td>2.83</td>
<td>70 - 130</td>
</tr>
<tr>
<td>1,2-Dichloroethane (1,2-DCA)</td>
<td>ND</td>
<td>10</td>
<td>109</td>
<td>108</td>
<td>0.445</td>
<td>93.8</td>
<td>96.1</td>
<td>2.34</td>
<td>70 - 130</td>
</tr>
<tr>
<td>1,1-Dichloroethene</td>
<td>ND</td>
<td>10</td>
<td>121</td>
<td>117</td>
<td>3.12</td>
<td>113</td>
<td>112</td>
<td>0.560</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Diisopropyl ether (DIPE)</td>
<td>ND</td>
<td>10</td>
<td>118</td>
<td>117</td>
<td>0.176</td>
<td>102</td>
<td>105</td>
<td>3.25</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Ethyl tert-butyl ether (ETBE)</td>
<td>ND</td>
<td>10</td>
<td>103</td>
<td>104</td>
<td>0.803</td>
<td>89.7</td>
<td>92.7</td>
<td>3.29</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Methyl-t-butyl ether (MTBE)</td>
<td>ND</td>
<td>10</td>
<td>109</td>
<td>109</td>
<td>0</td>
<td>90.9</td>
<td>94</td>
<td>3.35</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Toluene</td>
<td>ND</td>
<td>10</td>
<td>107</td>
<td>104</td>
<td>2.57</td>
<td>99.5</td>
<td>97.5</td>
<td>2.05</td>
<td>70 - 130</td>
</tr>
<tr>
<td>Trichloroethene</td>
<td>ND</td>
<td>10</td>
<td>123</td>
<td>119</td>
<td>3.78</td>
<td>113</td>
<td>112</td>
<td>0.887</td>
<td>70 - 130</td>
</tr>
<tr>
<td>%SS1:</td>
<td>108</td>
<td>25</td>
<td>110</td>
<td>108</td>
<td>1.02</td>
<td>106</td>
<td>105</td>
<td>0.174</td>
<td>70 - 130</td>
</tr>
<tr>
<td>%SS2:</td>
<td>113</td>
<td>25</td>
<td>113</td>
<td>113</td>
<td>0</td>
<td>115</td>
<td>114</td>
<td>0.684</td>
<td>70 - 130</td>
</tr>
<tr>
<td>%SS3:</td>
<td>86</td>
<td>2.5</td>
<td>89</td>
<td>90</td>
<td>0.645</td>
<td>93</td>
<td>91</td>
<td>2.27</td>
<td>70 - 130</td>
</tr>
</tbody>
</table>

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

### BATCH 48675 SUMMARY

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001B</td>
<td>02/11/10 2:30 PM</td>
<td>02/16/10 2:59 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample’s matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

# surrogate diluted out of range or coelutes with another peak; & low surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644
## QC SUMMARY REPORT FOR SW8021B/8015Bm

**EPA Method** SW8021B/8015Bm  
**Extraction** SW5030B  
**BatchID:** 48504  
**WorkOrder:** 1002353  
**QC Matrix:** Water  
**W.O. Sample Matrix:** Water

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Sample</th>
<th>Spiked</th>
<th>MS</th>
<th>MSD</th>
<th>MS-MSD</th>
<th>LCS</th>
<th>LCSD</th>
<th>LCS-LCSD</th>
<th>Acceptance Criteria (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPH(btex)</td>
<td>ND</td>
<td>60</td>
<td>97.5</td>
<td>109</td>
<td>11.2</td>
<td>111</td>
<td>109</td>
<td>1.65</td>
<td>70 - 130 20</td>
</tr>
<tr>
<td>MTBE</td>
<td>ND</td>
<td>10</td>
<td>101</td>
<td>107</td>
<td>5.91</td>
<td>121</td>
<td>118</td>
<td>2.73</td>
<td>70 - 130 20</td>
</tr>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>10</td>
<td>94.7</td>
<td>96.3</td>
<td>1.66</td>
<td>111</td>
<td>107</td>
<td>3.25</td>
<td>70 - 130 20</td>
</tr>
<tr>
<td>Toluene</td>
<td>ND</td>
<td>10</td>
<td>94.6</td>
<td>95.7</td>
<td>1.11</td>
<td>99.1</td>
<td>95.3</td>
<td>3.85</td>
<td>70 - 130 20</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>ND</td>
<td>10</td>
<td>92.7</td>
<td>93.8</td>
<td>1.23</td>
<td>99.3</td>
<td>95.7</td>
<td>3.66</td>
<td>70 - 130 20</td>
</tr>
<tr>
<td>Xylenes</td>
<td>ND</td>
<td>30</td>
<td>95.7</td>
<td>96.8</td>
<td>1.13</td>
<td>113</td>
<td>109</td>
<td>3.45</td>
<td>70 - 130 20</td>
</tr>
<tr>
<td>%SS</td>
<td>99</td>
<td>10</td>
<td>99</td>
<td>98</td>
<td>0.172</td>
<td>100</td>
<td>99</td>
<td>0.935</td>
<td>70 - 130 20</td>
</tr>
</tbody>
</table>

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

---

**BATCH 48504 SUMMARY**

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001A</td>
<td>02/11/10 2:30 PM</td>
<td>02/16/10</td>
<td>02/16/10 1:27 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogeneous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

DHS ELAP Certification 1644  
QA/QC Officer
QC SUMMARY REPORT FOR SW8015B

EPA Method SW8015B  Extraction SW3510C  Spiked Sample ID: N/A

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Sample µg/L</th>
<th>Spiked µg/L</th>
<th>MS % Rec.</th>
<th>MSD % Rec.</th>
<th>MS-MSD % RPD</th>
<th>LCS % Rec.</th>
<th>LCSD % Rec.</th>
<th>LCS-LCSD % RPD</th>
<th>Acceptance Criteria (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPH-Diesel (C10-C23)</td>
<td>N/A</td>
<td>1000</td>
<td>N/A</td>
<td>N/A</td>
<td>93.8</td>
<td>93.8</td>
<td>0</td>
<td>N/A</td>
<td>70 - 130</td>
</tr>
<tr>
<td>%SS</td>
<td>N/A</td>
<td>625</td>
<td>N/A</td>
<td>N/A</td>
<td>96</td>
<td>96</td>
<td>0</td>
<td>N/A</td>
<td>70 - 130</td>
</tr>
</tbody>
</table>

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 48503 SUMMARY

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
<th>Lab ID</th>
<th>Date Sampled</th>
<th>Date Extracted</th>
<th>Date Analyzed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002353-001C</td>
<td>02/11/10 2:30 PM</td>
<td>02/12/10</td>
<td>02/13/10 12:54 AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.
APPENDIX C-3
PHASE I ESA FOR
1027 MCMINN AVENUE
All Appropriate Inquiry-
Phase 1 Environmental Site Assessment

1027 McMinn Avenue, Santa Rosa, CA 95407
APN 125-252-002 and 004

Prepared for:
Exchange Bank
P.O. Box 403
Santa Rosa, CA 95402

Prepared by:
Harris & Lee Environmental Sciences, LLC

September 20, 2010
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1.0 EXECUTIVE SUMMARY

Pursuant to the request and assignment of Exchange Bank, Harris & Lee Environmental Sciences, LLC has performed a Phase 1 Environmental Site Assessment on the property identified as 1027 McMinn Avenue, Santa Rosa, CA 95407, Sonoma County Assessor’s Parcel Number 125-252-002 and 004 (“Subject Property”), which is located in the unincorporated areas of Santa Rosa in Sonoma County, California.

The purpose of this All Appropriate Inquiry, Environmental Site Assessment Phase 1 Investigation is to provide information as to the Recognized Environmental Conditions on or near the Subject Property noted above. Recognized Environmental Conditions are defined with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. This Environmental Site Assessment follows the guidelines established by the American Society for Testing and Materials (ASTM) in the document entitled “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” and designated E 1527-05. As such, this assessment is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser protection as noted in CERCLA and the California Health and Safety Code; that is the “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice as defined at 42 U.S. C. 9601(35)(B).

The Scope of Service for this Phase I Environmental Site Assessment consists of four overall tasks:

**Task I:** Research and review of regulatory information
**Task II:** A site reconnaissance of subject and nearby property
**Task III:** Interviews of persons with knowledge of subject and surrounding property
**Task IV:** Preparation of the final Environmental Site Assessment report

### Site Description and Current Use

The Subject Property is an approximately rectangular parcel of real estate extending from McMinn Ave on the east to Burbank Ave along the west. The property is approximately 11 acres in area. The northeast section of the Subject Property is the location of one residential building and one small shed. The remainder of the property was undeveloped and covered by annual grasses and trees at the time of the site reconnaissance. No agricultural use was visible.

### Adjoining Properties Use

- **North:** Single Family Residential
- **East:** Single and Multi Family Residential
- **South:** Single Family Residential
- **West:** Single Family Residential
Standard and Additional Environmental Records Search
The EDR report (attached to this document as a component of Exhibit F) did identify one site of concern. This condition is the inclusion in the McMinn Avenue State Superfund Area, which is discussed in Section 5.1 of this report.

Physical Setting
The elevation of the Subject Property is 127 feet above sea level with the general topographic gradient towards the west-southwest. Soils consist of moderately well drained soils with moderate infiltration rates. The predominant regional groundwater flow direction is probably southwest towards the Laguna de Santa Rosa with some variations. The Laguna de Santa Rosa is 5 to 6 miles west of the Subject Property, while Roseland Creek is approximately 400 feet south of the site. The property is outside the 500-year and 100-year flood zones.

Historical and Present Use of Subject Property
Historically the property appears to have been used for low impact agricultural uses in the form of orchards, farming, poultry and rural residential.

Recognized Environmental Conditions
One Recognized Environmental Condition was identified in connection with the Subject Property. This condition is the inclusion in the McMinn Avenue State Superfund Area, which is discussed in Section 5.1 of this report.

Historical Recognized Environmental Conditions
No Historic Recognized Environmental Conditions were identified in connection with the Subject Property.

De Minimis Conditions and Data Gaps
No de minimis conditions or data gaps were identified in connection with the Subject Property.

Conclusions
Harris & Lee Environmental Sciences, LLC has performed an All Appropriate Inquires-Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E-1527-05 of the property within the designated as Sonoma County Assessor’s Parcel Number 125-252-004 with the physical address of 1027 McMinn Avenue, Santa Rosa, CA 95407.

In the course of performing this All Appropriate Inquiry-Environmental Site Assessment, Phase 1 Investigation evidence of one Recognized Environmental Conditions was identified on the Subject Property.

This report is governed by the Limitations set forth in Sections 2.4 and 2.5 of this report. This Executive Summary is not to be used without the accompaniment of the entire report.
2.0 INTRODUCTION

2.1 Purpose

Pursuant to the request and assignment of Exchange Bank, Harris & Lee Environmental Sciences, LLC has performed a Phase 1 Environmental Site Assessment on the property identified as 1027 McMinn Avenue, Santa Rosa, CA 95407, Sonoma County Assessor’s Parcel Number 125-252-002 and 004, which is located in the unincorporated areas of Santa Rosa in Sonoma County, California.

The purpose of this All Appropriate Inquiry, Environmental Site Assessment Phase 1 Investigation is to provide information as to the Recognized Environmental Conditions on or near the Subject Property noted above. Recognized Environmental Conditions are defined with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. This Environmental Site Assessment follows the guidelines established by the American Society for Testing and Materials (ASTM) in the document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" and designated E-1527-05. As such, this assessment is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser protection as noted in CERCLA and the California Health and Safety Code; that is the “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice as defined at 42 U.S. C. 9601(35)(B).

Recognized Environmental Conditions are defined as:

“The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term 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. Conditions determined to be de minimis are not recognized environmental conditions.” (ASTM E 1527-05, § 1.1.1 and § 3.2.74)

Pursuant to the ASTM E-1527-05 Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Recognized Environmental Conditions do not include Controlled Substances, Asbestos Containing Materials or Lead-base paint or other non-CERCLA related conditions (i.e., regulatory compliance, wetlands, indoor air quality, vapor intrusion, etc.).
2.2 Scope of Services

The Scope of Services for this All Appropriate Inquiry, Environmental Site Assessment Phase 1 Investigation consists of four overall tasks:

**Task I:** Research and review of regulatory information
**Task II:** A site reconnaissance of subject and nearby properties
**Task III:** Interviews of persons with knowledge of subject and surrounding property
**Task IV:** Preparation of the final Environmental Site Assessment report

The Scope of Services for this All Appropriate Inquiry, Environmental Site Assessment, Phase 1 Investigation follows the Standard Practice for Environmental Site Assessments designated as E-1527-05 of the ASTM. Accordingly, the All Appropriate Inquiry, Environmental Site Assessment, Phase 1 Investigation is targeted towards the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in 42 USC 9601(35)(B) is applied. However, an evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this assessment.

The Scope of Services includes observations for Recognized Environmental Conditions, as well as information that can be obtained from regulatory files that are obtainable without investigation into archives of the various agencies. Accordingly, it cannot be guaranteed that all files are examined or that every contingency is investigated. These limitations are in conformance with the stated guidelines of ASTM E 1527-05 § 8.1.4.1, § 8.1.4.2 and § 8.1.4.3.

The Records Review includes files available at state, county and local offices listed in Section 5.2 of this report. In some cases the status of a site is determined from telephone interviews of staff persons of these offices. The site reconnaissance consists of the Subject Property and the identification of nearby properties. Interviews are conducted of persons reasonably available at the time of the site reconnaissance, and on occasion, by telephone when such interviews are possible. The report follows the Standard Practice of ASTM E-1527-05.

The Scope of Services for this All Appropriate Inquiry, Environmental Site Assessment, Phase 1 Investigation does not include analysis of Controlled Substances (CS) or Asbestos Containing Materials (ACM), although if obvious visual indications of CS or ACM are observed, they are reported. Neither does the Scope of Services include analysis of the building constituents for Lead based paint or other non-CERCLA related conditions (i.e., regulatory compliance, wetlands, indoor air quality, etc.). If there is suspicion that these substances or conditions may be present, professionals licensed to
assess their presence should be contacted. Harris & Lee Environmental Sciences, LLC can supply references for such professionals, if requested.

2.3 Significant Assumptions

The All Appropriate Inquiry, Environmental Site Assessment, Phase 1 Investigation is intended to assess the environmental conditions of a specific parcel of commercial real estate. It is intended to constitute all appropriate inquiry for purposes of the CERCLA liability, i.e., innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on CERCLA liability. This Phase 1 is intended to reflect a commercially prudent and reasonable inquiry designed to recognized environmental conditions in connection with a property.

2.4 Limitations and Exceptions

The Scope of Services performed to complete this All Appropriate Inquiry, Environmental Site Assessment, Phase 1 Investigation was limited in nature. While we consider work of this type to be valuable in the preliminary evaluation of potential hazardous materials or waste at the site, we also must alert the Client that this study may not reveal hazardous materials releases that have occurred. Also, the site conditions can change with time, and our assessment was not intended to predict future site conditions. Because of the limited nature of this assessment, this report is not a risk assessment and the Scope of Services does not include a determination of the extent of business environmental risk nor the public health impact of, known or suspected hazardous materials or wastes. This assessment does not address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on liability protections under CERCLA. Furthermore, this assessment does not address requirements of state or local laws or federal laws other than the all appropriate inquiry provisions of the landowner liability protections. Client(s) are cautioned that federal, state and local laws may impose environmental assessment obligations that are beyond the scope of the all appropriate inquiry provisions of this assessment.

This service has been performed in accordance with generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No other guarantees or warranties, expressed or implied are provided.

It is understood by the parties hereto that the Client who has requested this assessment will use the assessment (in addition to other information) to provide information to a lender, investors in the property, for the purposes of refinancing or purchasing said property or to satisfy regulatory agency requirements. Consultant intends no other use or disclosure. Client agrees to hold Consultant harmless for any inverse condemnation or devaluation of said property that may result if the Consultant’s report or information
generated is used for other purposes. Also, this report is issued with the understanding that it is to be used only in its entirety.

2.5 User Reliance

Only Exchange Bank, the City of Santa Rosa any financing institution providing financing for the purchase and redevelopment of the property and any pertinent regulatory agencies may rely upon this report. No other person or entity may rely upon the report without written consent of Harris & Lee Environmental Sciences, LLC.

2.6 Involved Parties

Exchange Bank, the listed current owner of the property identified as Sonoma County Assessor’s Parcel Number 125-252-002 and 004, who retained Harris & Lee Environmental Sciences, LLC to conduct this All Appropriate Inquiry, Environmental Site Assessment, Phase 1 Investigation are the parties involved in this proposed transaction.

3.0 SITE DESCRIPTION

3.1 Site Locations and Description

Exhibit A is a vicinity map of the general area of the Subject Property. Exhibit B presents an Assessor’s Parcel Map for the Subject Property having Sonoma County Assessor’s Parcel Number 125-252-002 and 004. The legal description of the Subject Property may be found in the title report, which is a component of Exhibit B.

Using the Earth’s Grid System, the coordinates of the Subject Property location are:

Latitude (North): N 38.424600° - 38° 25’ 28.6”
Longitude (West): W 122.733400° - 122° 44’ 0.2”
Elevation: 127 feet above sea level

3.2 Site and Vicinity General Characteristics

The Subject Property is located in the unincorporated area of Sonoma County, just outside the City Limits of Santa Rosa and in the southeast quadrant of Santa Rosa. It is approximately 5,000 feet to the west of U. S. Highway and 2,500 feet south of Highway 12. The general characteristic of the property’s vicinity is residential which replaced the previous agricultural uses during the 1940’s and 1950’s.

The Subject Property’s zoning designation is RR B6-10 VOH. RR stands for Rural Residential. VOH stands for Valley Oak Habitat District. The B combining district specifies the density.
3.3 **Current Use of the Property**
Current use of the Subject Property includes one single family dwelling and the remainder is vacant land.

3.4 **Descriptions of Current Improvements**

3.4.1 **Structures**
There is one single family residence with garage on the Subject Property.

3.4.2 **Roads**
The Subject Property is bounded by Burbank Ave to the west and McMinn Ave on the east. Access could be available by way of either street.

3.4.3 **Sewage Disposal**
City sewage services are available to the property.

3.4.4 **Water Supply**
City water services are available to the property.

3.4.5 **Heating and cooling systems**
Normal residential heating and/or cooling systems are likely in place in the residential structure, however close inspection of that structure is beyond the scope of this investigation.

3.4.6 **Utilities**
Pacific Gas and Electric Company provides electricity and gas service to the area of the Subject Property.

3.5 **Commonly Known or Reasonably Ascertainable Information**
According to the 40 CFR 312.10, “adjoining properties are defined as any real property or properties the border of which is (are) shared in part or in whole with that of the Subject Property, or that would be shared in part or in whole with that of the Subject Property but for a street, road, or other public thoroughfare separating the properties.” Taking this definition into account, Table 3.5 lists the commonly known or reasonably ascertainable information about the subject properties and the adjoining properties; street boundaries are also identified.
<table>
<thead>
<tr>
<th>Direction</th>
<th>APN</th>
<th>Address</th>
<th>Recorded Owner</th>
<th>Size (Acres)</th>
<th>Structure Year Sq. ft. story</th>
<th>Use</th>
<th>Zone</th>
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<td>125-252-004</td>
<td>1027 McMinn Ave</td>
<td>Exchange Bank</td>
<td>5.05</td>
<td>Dwelling 1,255 1955 1 story</td>
<td>Single Family Dwelling</td>
<td>RR B6-10 VOH</td>
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<tr>
<td>Subject Site</td>
<td>125-252-002</td>
<td>1360 Burbank Ave</td>
<td>Exchange Bank</td>
<td>5.92</td>
<td>Vacant</td>
<td>Raw Subdv-Unimproved</td>
<td>RR B6 10 VOH</td>
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<tr>
<td>North</td>
<td>125-213-012</td>
<td>1100 Hughes Ave</td>
<td>Frederick &amp; Patricia Krueger</td>
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<td>Dwelling 1,322 1948 1 story</td>
<td>Single Family Dwelling</td>
<td>R1 B6 5 VOH</td>
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<td>Diana Bullock</td>
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<td>Dwelling 1,172 1948 1 story</td>
<td>Single Family Dwelling</td>
<td>R1 B6 5 VOH</td>
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<td>Single Family Dwelling</td>
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<td>John Murray &amp; Riya Ryan</td>
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<td>Single Family Dwelling</td>
<td>R1 B6 5 VOH</td>
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<tr>
<td>North</td>
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<td>1180 Hughes Ave</td>
<td>James Sellick</td>
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<td>Dwelling 816 1948 1 story</td>
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<td>125-213-007</td>
<td>1210 Hughes Ave</td>
<td>Angel Tello-Patino &amp; Maria Hernandez</td>
<td>0.18</td>
<td>Dwelling 799 1948 1 story</td>
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<td>North</td>
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<td>Charlene Hayden</td>
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<td>R1 B6 5 VOH</td>
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<tr>
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<td>1236 Hughes Ave</td>
<td>Angelica Cruz</td>
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<tr>
<td>North</td>
<td>125-213-004</td>
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<td>Jonathan &amp; Aura Morris</td>
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<td>R1 B6 5 DU VOH</td>
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<tr>
<td>Direction</td>
<td>APN</td>
<td>Address</td>
<td>Recorded Owner</td>
<td>Size (Acres)</td>
<td>Structure Year Sq. ft. story</td>
<td>Use</td>
<td>Zone</td>
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<tr>
<td>-----------</td>
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<tr>
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<td>Single Family Dwelling</td>
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<td>Denton Wilson</td>
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<td>Dwelling 1,041 1946 1 story</td>
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<tr>
<td>East</td>
<td>125-261-045</td>
<td>1220 McMinn Ave</td>
<td>Chelsea Gardens Assocns</td>
<td>6.05</td>
<td>Multi-Family 49,676 1978 2 story</td>
<td>Apartments</td>
<td>PD (city)</td>
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<tr>
<td>South</td>
<td>125-252-011</td>
<td>1275 McMinn Ave</td>
<td>Anamaria &amp; Salvador Rodriguez</td>
<td>0.23</td>
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<td>Single Family Dwelling</td>
<td>PD (city)</td>
</tr>
<tr>
<td>West</td>
<td>125-251-001</td>
<td>1267 Burbank Ave</td>
<td>Kathryn &amp; Walter McCallum</td>
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<td>Single Family Dwelling</td>
<td>RR B6 10 VOH</td>
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<td>West</td>
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<td>Roberto Lomeli</td>
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<td>West</td>
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<td>Kimberly &amp; Scott Streeter</td>
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<td>Dwelling 1,254 1952 1 story</td>
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</tbody>
</table>

Information was obtained from RealQuest.com, and County of Sonoma, and City of Santa Rosa.

City of Santa Rosa Zoning Abbreviations: (PD)-Planned Development
Combining Zoning Districts for Sonoma County: (B)-B Combining; (BR)-Biotic Resources; (FW)-Floodway; (FP)-Floodplain; (G)-Geologic Combining; (HD)-Historic District; (J)-Manufactured Home Exclusion; (MR)-Mineral
4.0 USER PROVIDED INFORMATION

The purpose of this section is to identify general tasks that will help identify the possibility of recognized environmental conditions in connection with the Subject Property. The general tasks are 1) Searches for Environmental Liens; 2) Valuation Reduction for Environmental Issues; and 3) Assessments of Specialized Knowledge. These tasks do not require technical expertise and Environmental Professionals do not normally perform these tasks. These tasks are the responsibility of the client. However, the results of these tasks must be made available for the Environmental Professionals to review; if none are provided they will be identified as “data gaps”. The Environmental Professional(s) are required to review these items in order to formulate an opinion regarding the obviousness of the presence or likely presence of contamination at the property or identify them as missing “data gaps.”

4.1 Searches for Environmental Liens

Searches for environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state or local law as required under 40 CFR Part 312 Section 312.25.

40 CFR Part 312 Section 312.25(b) states: “All information collected regarding the existence of such environmental cleanup liens associated with the property must be provided to the environmental professional.”

Preliminary Title Report

Fidelity National Title Company, 3075 Prospect Drive, Suite 130, Rancho Cordova, California, provided a contemporary preliminary title report. The report Order Number is 10-490124074-B-RV and is dated September 13, 2010.

The preliminary title report did not identify any environmental liens in connection with the Subject Property.

4.2 Valuation Reduction for Environmental Issues

An assessment of the relationship of the purchase price to the fair market value of the Subject Property, assuming there is no contamination of the property, is required under 40 CFR Part 312 Section 312.29 to maintain the innocent landowner defense. The sections from the federal document are reproduced (with edits for clarity) following:

(a) Persons to whom this part is applicable must consider whether the purchase price of the Subject Property reasonably reflects the fair market value of the property, assuming there is no contamination of the property;
(b) Persons who conclude that the purchase price of the Subject Property does not reasonably reflect the fair market value of that property, if the property were not contaminated, should consider whether or not the differential in purchase price and fair market value is due to the presence of releases or threatened releases of hazardous substances.

An appraisal of the Subject Property was not available for review; however, anecdotal information gained during interviews indicates that there is no value reduction for environmental reasons.

4.3 Assessments of Specialized Knowledge

Assessments of any specialized knowledge or experience on the part of the purchaser or landowner is required by 40 CFR Part 312 Section 312.28 to maintain the innocent landowner defense. The sections from the federal document are reproduced (with edits for clarity) following:

(a) Persons to whom this part is applicable must take into account, their specialized knowledge of the Subject Property, the area surrounding the Subject Property, the conditions of adjoining properties, and any other experience relevant to the inquiry, for the purpose of identifying conditions indicative of releases or threatened releases at the Subject Property.

(b) All appropriate inquiries are not complete unless the results of the inquiries take into account the relevant and applicable specialized knowledge and experience of the persons responsible for undertaking the inquiry.

Specialized knowledge relating to the Subject Property was obtained via interviews of persons with knowledge of the status and history of the property.

5.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with the Subject Property. This is one of the Criteria required under the All Appropriate Inquiry, Environmental Site Assessment Phase 1 Investigation.

5.1 Standard and Additional Environmental Record Sources

The Standard Environmental Record Sources and the Additional Environmental Record Sources were obtained through a computer data bank search company, Environmental Data Resources, Inc. of Southport, Connecticut. Computer data bank searches for active sites can be useful in locating sites that may have the potential to adversely impact the subject site. It is important to keep in mind that computer database searches provide general overview data and may not be precise in the data that is presented.
Consequently, an investigator needs additional familiarity with active sites to properly interpret the data that is provided.

The Environmental Data Resources (EDR) Report is dated August 10, 2010 with Inquiry Number: 2839355.2s. It is included in Exhibit F. This report accessed a large number of active federal, state and local databases—some are Standard Environmental Record Sources (Section 8.2.1 ASTM E-1527-05) and others are Additional Environmental Record Sources that provide additional data and supplement the Standard Environmental Record Sources. A comprehensive listing of government records searched is listed in the EDR Report and is not repeated in the text.

**EDR Database Search**

**Subject Property:** The Subject Property does not appear on any standard record sources or any additional environmental record sources searched and reported upon by EDR.

**Neighboring Properties:** Summary of relevant findings of the EDR database search within the minimum radius search distance of the property as specified by ASTM E-1527-05, Section 8.2.1 are summarized in the Table below.

### U.S. Federal Databases

<table>
<thead>
<tr>
<th>Database</th>
<th>ASTM Criteria Search Distance (miles)</th>
<th>Number of Properties within the Search Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPL</td>
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<td>0</td>
</tr>
<tr>
<td>Delisted NPL</td>
<td>0.5</td>
<td>0</td>
</tr>
<tr>
<td>CERCLIS</td>
<td>0.5</td>
<td>6</td>
</tr>
<tr>
<td>CERCLIS NFRAP</td>
<td>0.5</td>
<td>2</td>
</tr>
<tr>
<td>RCRA CORRACTS facilities</td>
<td>1.0</td>
<td>0</td>
</tr>
<tr>
<td>RCRA non-CORRACTS TSD facilities</td>
<td>0.5</td>
<td>0</td>
</tr>
<tr>
<td>Generators list: RCRA_LQG</td>
<td>Property; adjoining property</td>
<td>0</td>
</tr>
<tr>
<td>Generators list: RCRA_SQG</td>
<td>Property; adjoining property</td>
<td>0</td>
</tr>
<tr>
<td>Federal Institutional / Engineering Control</td>
<td>Property</td>
<td>0</td>
</tr>
<tr>
<td>Federal ERNS List</td>
<td>Property</td>
<td>0</td>
</tr>
</tbody>
</table>

### State, Tribal and Local Databases

<table>
<thead>
<tr>
<th>Database</th>
<th>ASTM (miles)</th>
<th>Search Distance</th>
<th>Properties Distance within the Search</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVIROSTOR&lt;sup&gt;1&lt;/sup&gt;</td>
<td>1.0</td>
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<td></td>
</tr>
<tr>
<td>SLIC</td>
<td>0.5</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>LUST</td>
<td>0.5</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>SWF/LS</td>
<td>0.5</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>AST&lt;sup&gt;2&lt;/sup&gt;</td>
<td>Property; adjoining property</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>UST&lt;sup&gt;2&lt;/sup&gt;</td>
<td>Property; adjoining property</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Notify 65&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Property; adjoining property</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Old Databases&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Property; adjoining property</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
Note 1: The following databases are part of Envirostor under DTSC; they are not listed individually: Cal-Sites (State equivalent to NPL is AWP, BE), Hist. Cal-Sites, Response, Institutional & Engineering Controls, VCP and Brownfield sites.

Note 2: The following databases are discussed only if the listed sites are on the property or on adjoining properties: UST, AST, and Notify 65.

Note 3: The following databases are old and are not updated; unless the sites listed are on the Subject Property or adjoining properties, they are not discussed; the databases include: Cortese; CA FID; HIST UST; & SWEEPS.

Discussion of ASTM Database Search

The Environmental Data Resources, Inc. (EDR) Report is attached to this report. The relevant summary of those sites in the EDR report pertinent for the Subject Property is discussed below. Sites not mentioned are judged insignificant for the Subject Property. In some cases, rather than engage in an exhaustive discussion of the various sites, these are grouped together in a summary discussion.

Surrounding Properties

SLIC: This database is considered a California State ASTM supplemental database. SLIC stands for Spills, Leaks, Investigations and Cleanups database. The SLIC program is designed to protect and restore water quality from spills, leaks, and similar discharges. The SLIC program has several components at the North Coast Regional Water Quality Control Board: (1) complaint response, (2) non-permitted discharge investigations, (3) site cleanups under the oversight of the Water Board, (4) site cleanups pursuant to methods analogous to procedures in the Resource Conservation and Recovery Act, and (5) cleanups performed by redevelopment agencies. In some cases, the Regional Water Board oversight costs are recovered from responsible parties.

A review of the SLIC list, as provided by EDR, and dated 06/22/2010 reveals that there are 19 SLIC site within approximately 0.5 mile of the target property.

<table>
<thead>
<tr>
<th>Site</th>
<th>Address</th>
<th>Distance</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Stop Market</td>
<td>816 McMinn Ave</td>
<td>1410 ft NNE</td>
<td>Open</td>
</tr>
<tr>
<td>Roseland Paint Center</td>
<td>1160 Sebastopol Rd</td>
<td>1507 ft N</td>
<td>Active</td>
</tr>
<tr>
<td>Acme Auto Wreckers Inc</td>
<td>1885 Sebastopol Rd</td>
<td>2156 ft WNW</td>
<td>Open</td>
</tr>
<tr>
<td>Holland Cleaners</td>
<td>700 Sebastopol Rd</td>
<td>2514 ft NE</td>
<td>Open</td>
</tr>
<tr>
<td>Cleaning Mart</td>
<td>751 Sebastopol Rd</td>
<td>2632 ft NE</td>
<td>Open</td>
</tr>
<tr>
<td>Roseland Cleaners</td>
<td>761 Sebastopol Rd</td>
<td>2279 ft NE</td>
<td>Open</td>
</tr>
<tr>
<td>BSC Cleaners</td>
<td>800 Sebastopol Rd</td>
<td>2204 ft NNE</td>
<td>Open</td>
</tr>
<tr>
<td>BP / Redwood Oil #110</td>
<td>760 Sebastopol Rd</td>
<td>1934 ft NNE</td>
<td>Open</td>
</tr>
<tr>
<td>Ultramar Inc #3489</td>
<td>921 Sebastopol Rd</td>
<td>1942 ft NNE</td>
<td>Open</td>
</tr>
<tr>
<td>Bevan Investment</td>
<td>995 Sebastopol Rd</td>
<td>1667 ft NNE</td>
<td>Open-inactive</td>
</tr>
<tr>
<td>Redwood Oil / Chevron</td>
<td>258 Roseland Ave</td>
<td>2454 ft N</td>
<td>Open</td>
</tr>
<tr>
<td>Wescott’s Auto &amp; Truck</td>
<td>1569 Sebastopol Rd</td>
<td>1594 ft NW</td>
<td>Open-inactive</td>
</tr>
</tbody>
</table>

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 06/16/2010 reveals that there are 17 Envirostor sites within approximately 1 mile of the target property. The following are open or unresolved.

<table>
<thead>
<tr>
<th>Site</th>
<th>Address</th>
<th>Distance</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell Oil Wholesale Plant</td>
<td>257 Dutton</td>
<td>3513 ft</td>
<td>NE</td>
</tr>
<tr>
<td>Eltra Corp C&amp;D Batteries</td>
<td>265 Roberts Ave</td>
<td>4614 ft</td>
<td>NE</td>
</tr>
<tr>
<td>Fouche Bros</td>
<td>2290 Dutton Ave</td>
<td>4100 ft</td>
<td>SE</td>
</tr>
<tr>
<td>McGowen Auto Wreckers</td>
<td>116 Holbrook St</td>
<td>4258 ft</td>
<td>NE</td>
</tr>
<tr>
<td>Square Deal Auto Wrecking</td>
<td>214 Roberts St</td>
<td>4697 ft</td>
<td>NE</td>
</tr>
<tr>
<td>City of Santa Rosa PW</td>
<td>130 W Third St</td>
<td>4203 ft</td>
<td>NNE</td>
</tr>
<tr>
<td>Point St George Fisher</td>
<td>8 Sebastopol Rd</td>
<td>4269 ft</td>
<td>NE</td>
</tr>
<tr>
<td>Santa Rosa Circuits</td>
<td>35 / 48 W Barham Ave</td>
<td>3928 ft</td>
<td>E</td>
</tr>
<tr>
<td>Coast Auto Wrecking</td>
<td>949 Sebastopol Rd</td>
<td>1878 ft</td>
<td>NNE</td>
</tr>
<tr>
<td>McMinn Ave</td>
<td>841 McMinn Ave</td>
<td>1301 ft</td>
<td>NNE</td>
</tr>
<tr>
<td>Wescotts Auto &amp; Truck</td>
<td>1569 Sebastopol Rd</td>
<td>1594 ft</td>
<td>NW</td>
</tr>
<tr>
<td>Vacant / AALMETCO</td>
<td>1733 Sebastopol Rd</td>
<td>1886 ft</td>
<td>WNW</td>
</tr>
<tr>
<td>Acme Auto Wreckers Inc</td>
<td>1885 Sebastopol Rd</td>
<td>2156 ft</td>
<td>WNW</td>
</tr>
<tr>
<td>Roseland Area Elementary</td>
<td>1683 Burbank Ave</td>
<td>1457 ft</td>
<td>SSW</td>
</tr>
<tr>
<td>Meadow View Elem School</td>
<td>2641 Dutton Meadow</td>
<td>4342 ft</td>
<td>SSW</td>
</tr>
<tr>
<td>Redwood Chemical</td>
<td>2450 Stoney Point Rd</td>
<td>4365 ft</td>
<td>SSW</td>
</tr>
</tbody>
</table>

**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 06/22/2010 reveals that there are 34 LUST sites within approximately 0.5 mile of the target property. The following are open or unresolved.

<table>
<thead>
<tr>
<th>Site</th>
<th>Address</th>
<th>Distance</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Stop Market</td>
<td>816 McMinn Ave</td>
<td>1410 ft</td>
<td>NNE</td>
</tr>
<tr>
<td>Bevan Investment</td>
<td>995 Sebastopol Rd</td>
<td>1667 ft</td>
<td>NNE</td>
</tr>
</tbody>
</table>
Summary

Most of the sites listed are not considered a likely environmental risk to the Subject Property due to one or more of the following factors: status of case, distance from Subject Property, groundwater flow relative to Subject Property or definition of contaminant plume. Most of the sites listed above are cross gradient or at least not directly up gradient.

The remaining sites with potential for environmental impact to the Subject Property are discussed below. For ease of discussion these should be divided into, first, those many sites along Sebastopol Road and, second, the McMinn Avenue Superfund Area which is discussed as a whole.

There are approximately 50 closed and active sites of past contamination of soil, water, or groundwater along Sebastopol Road between 8 Sebastopol Road in the east and the intersection with Stony Point Road in the west at the approximate address of 2000 Sebastopol Road. These are a diverse group of sites with different contaminants of concern, different probable directions of groundwater flow, different owners, different age and clean-up status, etc. Many have completed the required remediation, while the scope of contamination has not been defined for others. Many others are far enough from the Subject Site to be outside of the reporting requirements for this report.

In spite of this diversity some important generalizations do apply.

- First, all these sites are at, or farther than, ¼ mile from the Subject Site.
- Second, all are within 100 to 200 feet of Sebastopol Road and no sites are mapped between this cluster of contamination and the Subject Site.
- Third, these sites are approximately midway between Roseland Creek and Santa Rosa Creek. Groundwater is often higher than the water level in these creeks. Therefore groundwater flow may, for some of the year, be diverted to the nearer of these creeks. Many sites along the east end of Sebastopol Road are closer to Santa Rosa Creek. This may have a significant effect on the groundwater flow direction which may commonly be west and northwest in that area. This being the case, the eastern sites are actually strongly cross-gradient relative to the Subject Site instead of up-gradient.
Fourth, the sites along the western portion of Sebastopol Road are located due north or northwest and are therefore reasonable classified as strongly cross-gradient relative to the Subject Site.

Finally, undetermined sources of past contamination in the area are generally suspected.

Therefore, it is unlikely that any of the sites, which are listed above along Sebastopol Road, can be classified as a Recognized Environmental Condition relative to the Subject Site.

The McMinn Avenue State Superfund Area surrounds the Subject Property and is comprised of many separate active sites and Responsible Parties. Determinations of Recognized Environmental Conditions are addressed through the individual sites that constituted the McMinn Avenue State Superfund Area. The Global ID recorded in the State of California Geotracker database is T0609793565. This study area is also included in the Envirostor database administered by the Department of Toxic Substances Control. The following is an extract from the Envirostor database that provides a history and scope of the contamination. This description is provided as general background information.

"Between 1981 and 1985, the Regional Water Quality Control Board, North Coast Region (RWQCB) and the Sonoma County Public Health Department (SCHPHD) sampled private water supply wells in the Roseland Area, which is located in and adjacent to southwest Santa Rosa. This sampling was initially prompted by residents reporting the taste and odor of gasoline and diesel in water from their wells. Some of the sampled wells were found to be contaminated with gasoline, diesel, and chlorinated solvents.

"The Department of Health Services, Toxic Substances Control Division (now the Department of Toxic Substances Control [DTSC]) began investigations in 1986 using State funding and State contractors because little was known about the nature and extent of contamination and the sources of contamination were not known. The Preliminary Site Assessment and Investigation (PSAI) Workplan, the first investigation workplan that was prepared using State funds, designated the area within a 2000-foot radius around the intersection of McMinn Avenue and Sebastopol Road as the Local Study Area in order to provide a focus for the investigation. One of the private water supply wells, in which gasoline and diesel was initially discovered, was located near this intersection. During the PSAI, 38 private water supply wells were sampled, existing well sampling data was assembled, and facilities with underground storage tanks and facilities which used, stored, or disposed hazardous materials were identified. DTSC conducted additional investigation activities from 1987 through 1989 that included soil gas sampling and installing and sampling 12 groundwater monitoring wells. After 1989, DTSC conducted only limited work using State funds, which included sampling and closing some of the 12 monitoring wells."
“RWQCB and SCPHD were overseeing some investigation and cleanup activities on properties with underground storage tanks when DTSC began its State-funded investigation activities in 1986. The nature, extent, and sources of contamination were better defined as more investigations were conducted and the Local Study Area designation was no longer used. In 1994, DTSC transferred responsibility to RWQCB as the lead agency for the McMinn Avenue Site. DTSC had requested that RWQCB assume this responsibility because much of the contamination was petroleum hydrocarbons, which RWQCB has more extensive regulatory authority to address. RWQCB was providing oversight of investigation and cleanup activities at more than 30 properties at the time DTSC transferred responsibility as the lead agency. Most of these properties were in the area along Sebastopol Road between Stony Point Road and Dutton Avenue. The McMinn Avenue Site is no longer being addressed by DTSC as a State “Superfund” site, and is being addressed through individual property investigations and cleanup activities that are being overseen by RWQCB. More information on these individual sites can be found on the State Water Resources Control Board’s GeoTracker database (http://geotracker.swrcb.ca.gov/) and the individual property files can be reviewed at RWQCB’s Santa Rosa office.”

The Subject Site is approximately 1300 feet from the intersection of McMinn Ave and Sebastopol Road and it is located inside the original study area defined by a 2000 foot radius around this street intersection. Therefore the McMinn Avenue State Superfund Area is a Recognized Environmental Condition relative to the Subject Property.

5.2 Other Environmental Record Sources

To enhance and supplement the Environmental Data Resources report data bank searches for active sites, local records and/or additional state or tribal records were independently searched through their various websites. These records are reasonably ascertainable, and are sufficiently useful, accurate, and complete in light of the objective of the records review. Other Environmental Record Sources contacted for information pertaining to the subject and nearby properties were as follows:

- U.S. EPA (http://www.epa.gov/region09/)
- California Environmental Protection Agency, Department of Toxic Substances Control (http://www.calepa.ca.gov/ and http://www.envirostor.dtsc.ca.gov/public/)
- County of Sonoma — all departments (http://www.sonoma-county.org/)
- California State Water Resources Control Board (http://geotracker.swrcb.ca.gov/)

Unified Program
Sonoma County Department of Emergency Services
The Unified Program is the consolidation of six state environmental programs into one program under the authority of a Certified Unified Program Agency. These can be a county, city or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.

A CUPA, or Certified Unified Program Agency is a local agency that has been certified by Cal EPA to implement the six state environmental programs within the local agency's jurisdiction. The Sonoma Department Office of Emergency Services is the designated local agency for the Subject Property. No records are available for the Subject Property.

5.3 Physical Setting

5.3.1 Regional Physiographic Conditions

Topographic Map
Exhibit C is the U. S. Department of Interior, Geological Survey, Santa Rosa Quadrangle 7.5-Minute Series topographic map. The general topographic gradient at the Subject Property is generally west-southwest. Surface topography may be indicative of the direction of surface water flow.

The Santa Rosa Valley, or Santa Rosa Plain, approximately coincides with the Santa Rosa Groundwater Basin described below. The valley floor is approximately one mile wide just south of Healdsburg, as wide as 7 to 9 miles wide in the Santa Rosa area, and extends south of the City of Cotati. It is a structural valley with a flat mildly undulating alluvial valley floor. Generally the slopes within a one mile radius are less than 2%.

Surface Waters
The Subject Site is located in west Santa Rosa in an established residential district. Urban development, a railroad grade, farming in the area, and a range of streets interrupt the normal drainage. There is no urban designed storm drain system along the streets in this area which might substitute for the former natural drainage. Surface water is likely to sheet flow to the property to the south and to both McMinn Ave and to Burbank Ave. This later street does have a road side ditch which may conduct water to Roseland Creek which is a designed flood control channel maintained by Sonoma County Water Agency. Surface water then flows to the Laguna de Santa Rosa and then to the Russian River.

Flood Insurance Rate Map
Based on the Flood Insurance Rate Map DFIRM Panel # 06097C published by the Federal Emergency Management Agency as cited in the attached EDR Radius Report, the subject property is not within the 100-year flood zone, not is it within the 500 year flood zone.
5.3.2 Soil Conditions

The U.S. Department of Agriculture’s (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data. The soil series listed below are in the order listed in the attached EDR Radius Report, but are also in approximate order of importance on the Subject Site. All soils have the potential of moderate depth, potentially moderate infiltration rates, and can be well drained.

<table>
<thead>
<tr>
<th>Soil series</th>
<th>Texture</th>
<th>Hydrologic Group</th>
<th>Drainage Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Yolo series</td>
<td>Clay loam</td>
<td>Class B – Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse.</td>
<td>Well drained</td>
</tr>
<tr>
<td>2 Zamora series</td>
<td>Silty clay loam</td>
<td>Class B – Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse.</td>
<td>Well drained</td>
</tr>
<tr>
<td>3 Wright series</td>
<td>Clay</td>
<td>Class C – Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.</td>
<td>Somewhat poorly drained</td>
</tr>
<tr>
<td>4 Clear Lake series</td>
<td>Clay</td>
<td>Class D – Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.</td>
<td>Poorly drained</td>
</tr>
</tbody>
</table>

5.3.3 Geologic Conditions

Geomorphic Provinces

California is divided into eleven geomorphic provinces. The subject property in Sonoma County lies within the geomorphic province known as the Coast Range. The California Geologic Survey describes the Coast Range as follows:

“The Coast Ranges are northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic
fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands.” (CGS Note 36)

Geology
The Santa Rosa valley is a structural valley extending from approximately the Laguna de Santa Rosa eastward to the Sonoma and Mayacamas Mountains east of the City of Santa Rosa. It is likely to be underlain by basement material made up of the Franciscan Complex, which is a mélange of greywacke and metamorphic rock of Cretaceous and Jurassic age, and potentially by portions of the Great Valley Complex. This basement material may be too deep to affect near-surface groundwater at the site area.

The surface deposits at the Subject Site are alluvium, probably of varying grain size and potentially, vary widely in composition. A reading of “Geologic Map and Map Database of Eastern Sonoma and Western Napa Counties SIM 2956” indicates the subject site is near the center a valley filled with Holocene alluvium deposits. This alluvium is described as:

“Sand, silt, and gravel deposited in fan, valley fill, terrace, or basin environment. Mostly undissected by later erosion. Typically mapped in smooth, flat valley bottoms in medium-sized drainages and other areas where geomorphic expression is insufficient to allow differentiation of depositional environment.” (Graymer, 2007a&b)

EDR GeoCheck-Physical Setting Source Summary classified the rock unit as:

<table>
<thead>
<tr>
<th>ROCK STRATIGRAPHIC UNIT</th>
<th>GEOLOGIC AGE IDENTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Era: Mesozoic</td>
<td>Category: Stratified Sequence</td>
</tr>
<tr>
<td>System: Quaternary</td>
<td></td>
</tr>
<tr>
<td>Series: Quaternary(1-)</td>
<td></td>
</tr>
</tbody>
</table>

5.3.4 Groundwater Characteristics

The Subject Property lies within the Santa Rosa Groundwater Basin and the Santa Rosa Plain Sub-Basin.

The Santa Rosa Plain Sub-Basin is approximately 22 miles long and approximately 9 miles wide in the Santa Rosa area. In the Cotati area it is approximately 6 miles wide. The sub-basin extends almost to Healdsburg in the north. The eastern boundary is

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defined by the Sonoma Mountains and the Mayacamas Mountains. The southern end of the sub-basin is defined by the hills which form the drainage divide between the Santa Rosa Valley and the Petaluma Valley. The western boundary is the Mendocino Range which separate Sebastopol from the coast.

The most significant water-bearing unit in the Santa Rosa Plain sub-basin is the Merced formation, which is also known as the Wilson Grove formation. This formation is thought to be shallow marine deposits. The non-marine Glen Ellen formation and alluvium valley fill include less significant amounts of groundwater. Groundwater in this valley is not always continuous due to irregular layers of clay and sediments that are often folded and faulted. (DWR, 2004)

Minor amounts of methane gas have been noted in fan deposits in this area. The gas may have risen from an underlying formation, such as the Merced, and been trapped within the fan deposits by overlying impermeable clay.

**Regional Groundwater Flow Direction and Groundwater Level**

There are several methods of estimating the groundwater elevation. When three or more accurate groundwater elevations are established, the groundwater flow direction can be calculated.

One method uses the EDR GeoCheck-Physical Setting Source Summary which provides the following site-specific hydrogeologic data.

- **Search Radius:** 1.25 miles
- **Location Relative to TP:** 1/4 – 1/2 Mile NNW
- **Site Name:** Almetco
- **Site EPA ID Number:** CAD983644956
- **Groundwater Flow Direction:** Generally SW toward the Laguna de Santa Rosa
- **Inferred Depth to Water:** less than 15 feet
- **Hydraulic Connection:** The site is underlain by deposits consisting of fine sands, silts, clays, coarse sands, and gravels to a depth of 200 feet. The shallow water table and lower aquifers are interconnected through numerous irrigation wells screened in both aquifers.

A second method uses the AQUIFLOW system. 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. Of the 5 closest wells the flow direction ranges from southwest to west-southwest with depth to water ranging from 11 to 18 feet below the ground surface.
A third method of estimating groundwater level and flow direction used the California State Water Data Library. ([http://www.water.ca.gov/waterdatalibrary/](http://www.water.ca.gov/waterdatalibrary/)) This library includes a well located approximately 2000 feet to the southwest and about the same distance from Roseland Creek as the Subject Site. The ground surface elevation at the well is 115 feet above mean sea level. The following is a graph of the water level in that well expressed in feet above mean sea level. It is reproduced to give an idea of typical variability.

![Groundwater Levels in Well 07N08W27N002M](image)

Many of the site-specific environmental reports for sites along Sebastopol Road have been reviewed which generally indicate ranges similar to the data above. Therefore it is reasonable to estimate a typical groundwater level at the subject site ranging from 0 to 25 feet below ground surface and a groundwater flow direction of approximately southwest to west. If needed, more exact data will require additional testing at the Subject Site.

### 5.4 Results of Site History and Land Use Review

The objective of consulting historical sources is to develop a history of the previous uses of the Subject Property and surrounding area in order to identify the likelihood of past uses having led to recognized environmental conditions. All obvious uses of the property must be identified from the present back to the property’s first developed use or back to 1940, whichever is earlier (§ 8.3.2 ASTM 1527-05). The Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-05) requires a review of reasonably ascertainable standard historical sources. Reasonably ascertainable is defined by ASTM as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable. The following standard historical sources for the Subject Property
were reviewed: Sanborn Fire Insurance Maps, City Directories, County Records Review, personal interviews, historical aerial photographs and previous environmental investigations.

5.4.1 Sanborn Fire Insurance Maps

Environmental Data Resources (EDR) of Southport, Connecticut investigated the historic Sanborn Fire Insurance Maps. The inquiry Number is 2839355.3 and is dated August 10, 2010. No coverage was reported.

The report prepared by EDR is attached to this Environmental Site Assessment as a component of Exhibit F.

5.4.2 Historical Topographic Maps

Environmental Data Resources (EDR) of Southport, Connecticut performed a search for historical topographic maps. The topographic maps are presented in the EDR report number 2839355.4 and dated August 10, 2010. The report is reproduced in Exhibit E of this report.

The historical topographic maps report prepared by EDR does not reveal any significant potential liability resulting from past activities.

5.4.3 Aerial Photographs

Environmental Data Resources (EDR) of Southport, Connecticut performed a search for historic aerial photographs. The photographs are presented in the EDR report number 2839355.5 and dated August 10, 2010. The report is reproduced in Exhibit E of this report. A synopsis of the aerial photography is presented in Table 5.4.3.

<table>
<thead>
<tr>
<th>DATE</th>
<th>ON SITE DESCRIPTION</th>
<th>OFFSITE DESCRIPTION</th>
</tr>
</thead>
</table>
| 1953 | Orchard             | North: Single family dwellings.  
|      |                     | East: Orchard, possibly untended.  
|      |                     | South: Orchard.  
|      |                     | West: Orchard.  
| 1965 | Orchard             | North: Single family dwellings.  
|      |                     | East: Vacant.  
|      |                     | South: Orchard.  
|      |                     | West: Orchard.  
|      |                     | East: Probable urban residential.  
|      |                     | South: Wild grass and young oak forest.  
|      |                     | West: Vacant field.  
|      |                     | East: Probable urban residential.  
|      |                     | South: Wild grass and young oak forest.  
|      |                     | West: Vacant field with several small buildings.  |
Table 5.4.3: Description of the Subject Property from aerial photographs

<table>
<thead>
<tr>
<th>DATE</th>
<th>ON SITE DESCRIPTION</th>
<th>OFFSITE DESCRIPTION</th>
</tr>
</thead>
</table>

5.4.4 City Directory

Environmental Data Resources (EDR) of Southport, Connecticut investigated historic City Directory; this report is documented in the EDR-City Directory Abstract Report dated August 10, 2010 with Inquiry Number 2839355.6. It is included in this report as a component of Exhibit F.

Business directories including city, cross-reference and telephone directories were reviewed, if available, at approximately five-year intervals for the years spanning 1930 through 2006. (These years are not necessarily inclusive.)

The Subject Property was listed in 1958, 1961, 1965, 1970, 1981, 1987, 1990, 1994, and 2006 with the name of the occupant of the one dwelling. These listings are consistent with usage as a one-family residential site. The listings do not indicate an issue of environmental concern.

There are no adjacent property listings. There is no indication of an issue of concern.

5.4.5 Local Records Review

Sonoma County Permit and Resource Management Department

Historical Permit records for the Subject Property were researched at the Sonoma County Permit and Resources Management Department. This review included the Sonoma County Building Records and the Sonoma County Zoning Records. No Permit history related to the Subject Property at Sonoma County Assessor’s Parcel Number 125-252-004 was found. This is expected for a largely vacant parcel with only one home built in 1955. The Building Inspection Department was organized in 1961 and issued few building permits before 1965.

5.4.6 Synopsis of Previous and Current Environmental Investigations

No previous or current environmental investigations prior to this report were identified.
6.0 SITE RECONNAISSANCE

On August 19, 2010 a California Registered Environmental Assessor (REA) performed a site reconnaissance of the Subject Property and nearby properties. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property. It is not an environmental compliance audit; this process does not determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations.

Photo-documentation of the property is presented in Exhibit D of this report.

6.1 Methodology and Limiting Conditions

The method used in conducting the site reconnaissance consisted of walking the perimeter of the Subject Property and inspecting as closely as possible the features of the property. Visual observations of nearby properties were performed in an effort to identify conditions that potentially could negatively impact the subject site.

6.2 General Site Setting

The Subject Site located in southwest Santa Rosa. It is within an island of unincorporated land that is outside the City of Santa Rosa but that is largely surrounded by it. The area is mainly residential with some vacant properties. These vacant properties are largely unused though seem to have been actively farmed in past decades. Most of the residential development occurred during the 1940’s and 1950’s, but residential development has continued since. The Subject Site is among the largest properties in the area.

6.3 Subject Property

The Subject Property is an approximately rectangular parcel of about 11 acres in area. The property is essentially flat with some irregularities and a slight grade to the southwest. The extreme northeastern section of the Subject Property is the location of one residential building constructed in 1955. The property extends from McMinn Ave along the east boundary to Burbank Ave along the west boundary. Both these streets extend north into the City of Santa Rosa, but at the site, neither street has a modern concrete curbs, gutters, and sidewalks. Except at the existing dwelling, there is no formal and commonly used driveway.

Most of the property is covered with annual grasses and trees; most of the trees are on the southern parcel. Historical data indicates the site was once an orchard. Today there is no obvious evidence of any past agricultural use. The southern parcel has now been taken over by a forest of young oak trees and brush.
The present occupant of the dwelling was not available to interview. It is likely that a septic system was once in use on the property. No physical evidence of this system was visible. It is possible that the dwelling has been connected to city services.

In the course of the inspection no indications of recognized environmental conditions were observed.

6.4 Adjacent Properties

- **North**: Single Family Residential
- **East**: Single and Multi Family Residential
- **South**: Vacant and Single Family Residential
- **West**: Single Family Residential

7.0 INTERVIEWS

7.1 Interviews with Past and Present Owners, Operators, and Occupants

Mr. Dave Mason representing the Exchange Bank, the current owner of the property, was interviewed for this report. The Bank has previously foreclosed on this property from a residential developer that is no longer in existence. Detailed information on the subject property was not available. The present occupant of the one residential structure was not available.

7.2 Interviews with Local Government Officials

Individuals were interviewed at various city and county offices that were investigated for this report. These offices included the County of Sonoma Permit Resource and Management Department.

7.3 Interviews with Others

Various individuals encountered while conducting the site reconnaissance of the site were interviewed. These brief interviews were conducted in a casual conversational manner in an attempt to determine if there are any historic factors that would indicate an impact on the property.

8.0 FINDINGS

Site Description and Current Use

The Subject Property is an approximately rectangular parcel of real estate extending from McMinn Ave on the east to Burbank Ave along the west. The property is approximately 11 acres in area. The northeast section of the Subject Property is the location of one residential building and one small shed. The remainder of the property is undeveloped and covered by annual grasses and trees. No agricultural use was visible.
Adjoining Properties Use
- **North:** Single Family Residential
- **East:** Single and Multi Family Residential
- **South:** Single Family Residential
- **West:** Single Family Residential

**Land Use Designations**
The Subject Property is zoned as RR B6-10 VOH by the County of Sonoma Zoning Ordinance. The RR stands for Rural Residential, the B is a density factor, and the VOH is a combining district that stands for Valley Oak Habitat.

**Standard and Additional Environmental Records Search**
The Standard and Additional Environmental Records Search did not disclose any environmental issues on the Subject Property or on properties within the standard ASTM search radius of 1-mile that appeared to be significant for the Subject Property.

**Physical Setting**
The elevation of the Subject Property is 127 feet above sea level with the general topographic gradient towards the west-southwest. Soils consist of moderately well drained soils with moderate infiltration rates. The predominant regional groundwater flow direction is probably southwest towards Laguna de Santa Rosa with some variations. Laguna de Santa Rosa is 5 to 6 miles west of the Subject Property, while Roseland Creek is approximately 400 feet south of the site. The property is outside the 500-year and 100-year flood zones.

**Historical and Present Use of Subject Property**
Historically the property appears to have been used for low impact agricultural uses in the form of orchards, farming, poultry and rural residential.

**Recognized Environmental Conditions**
One Recognized Environmental Condition was identified in connection with the Subject Property. This condition is the inclusion in the McMinn Avenue State Superfund Area, which is discussed in Section 5.1 of this report.

**Historic Recognized Environmental Conditions**
No Historic Recognized Environmental Conditions were identified in connection with the Subject Property.

**De Minimis Conditions and Data Gaps**
No *de minimis* conditions or data gaps were identified in connection with the Subject Property.

**9.0 CONCLUSIONS**
Harris & Lee Environmental Sciences, LLC has performed an All Appropriate Inquiries-Phase 1 Environmental Site Assessment in conformance with the scope and limitations
of ASTM Standard Practice E-1527-05 of the property within the designated as Sonoma County Assessor’s Parcel Number 125-252-004.

In the course of performing this All Appropriate Inquiry-Environmental Site Assessment, Phase 1 Investigation evidence of one Recognized Environmental Conditions was identified on the Subject Property.

10.0 OPINION

Harris & Lee Environmental Sciences, LLC reminds the client that it is always prudent to maintain care in handling chemicals and any hazardous materials in any building or any property. It is pertinent to be reminded that the building / property owner is ultimately responsible for the environmental compliance that occurs in any building or on any property. Thus, if a tenant is not in compliance, the owner, who has nothing to do with the tenant’s operations, can be held responsible.

Recommendations
Harris & Lee Environmental Sciences, LLC recommends that no further environmental investigation is warranted on the Subject Property given the findings of this Phase I Environmental Site Assessment.

11.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and 12.13.2 We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

12.0 DEVIATIONS

There are no deviations in the preparation of this Environmental Site Assessment from the Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process (ASTM Designation: E-1527-05).

13.0 ADDITIONAL SERVICES

No additional services beyond the All Appropriate Inquiry, Environmental Site Assessment Phase 1 Investigation ASTM E-1527-05 Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process were added to this report.
14.0 REFERENCES

14.1 Published References


USDA, Soil Conservation Service, January 1972, Soil Survey of Sonoma County, California

U. S. Geological Survey, 7.5-Minute Santa Rosa Quadrangle Topographical Map: Scale 1:24,000

14.2 Unpublished References

AllWest Environmental Inc, Environmental Documents Review – 777 Sebastopol Rd, Santa Rosa, CA, prepared for Nancy Mauriello, 4665 MacArthur Court Suite 210, Newport Beach, CA 92660, June 12, 2008

Amicus – Strategic Environmental Consulting, Roseland Village Removal Action Workplan, prepared for Dr James T Baugh, 125 West Peck Street, Lake Elsinore, CA 92530, June 24, 2009

Amicus – Strategic Environmental Consulting, Roseland Village Removal Summary Report, prepared for Dr James T Baugh, 125 West Peck Street, Lake Elsinore, CA 92530, March 4, 2010

Brunsing Associates Inc, Post Remediation Drilling Report, Bevan Investments 995 Sebastopol Rd, Santa Rosa, California, prepared by Brunsing Associates, PO Box 588, Windsor, CA 95492, dated November 30, 2009


Edd Clark & Associates, Report: Soil and Groundwater Investigation on Holland Cleaners, 700 Sebastopol Road, Santa Rosa, CA, prepared for Mr. Alejandro Quezada, 1027 Camino Coronado, Rohnert Park, CA 94928 dated January 6, 2010


California Department of Toxic Substances, California EPA Website at http://www.envirostor.dtsc.ca.gov/public/

California Department of Water Resources, State Water Data Library website at: http://www.water.ca.gov/waterdatalibrary/

California Department of Conservation, Division of Mines and Geology Website at http://www.consrv.ca.gov/dmg/pubs/notes/36/index.htm
Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck, Inquiry Number 2839355.2s for Exchange Bank, 1027 McMinn Avenue, Santa Rosa, CA 95407, August 10, 2010

Environmental Data Resources, Inc., Certified Sanborn® Map Report, Inquiry Number 2839355.3 for Exchange Bank, 1027 McMinn Avenue, Santa Rosa, CA 95407, August 10, 2010

Environmental Data Resources, Inc., EDR-Historical Topographic Map Report, Inquiry Number 2839355.4 for Exchange Bank, 1027 McMinn Avenue, Santa Rosa, CA 95407, August 10, 2010

Environmental Data Resources, Inc., The EDR Aerial Photo Decade Package, Inquiry Number 2839355.5 for Exchange Bank, 1027 McMinn Avenue, Santa Rosa, CA 95407, August 10, 2010

Environmental Data Resources, Inc., The EDR-City Directory Abstract, Inquiry Number 2839355.6 for Exchange Bank, 1027 McMinn Avenue, Santa Rosa, CA 95407, August 10, 2010


RDM Environmental, Quarterly Ground Water Monitoring Report – Third Quarter 2009 Sebastopol Road Commingled Plume Group, prepared by RDM Environmental, 6280 Brookshire Drive, Rocklin, CA 95677, dated October 22, 2009

Regional Water Quality Control Board (RWQCB), letter titled “Comments on Removal Action Summary Report” addressed to Mr. James Baugh, 125 West Peck Street, Lake Elsinore, CA 92530 dated May 11, 2010


Winzler & Kelly, Report of Subsurface Investigation and Request for Closure, 426 Sebastopol Rd, Santa Rosa, prepared for Exchange Bank 444 Aviation Blvd, Santa Rosa, CA 95401 dated August 2007

U. S. Environmental Protection Agency, Brownfields Cleanup and Redevelopment, All Appropriate Inquiries at http://www.epa.gov/
15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and 12.13.2 We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.
PROFESSIONAL PROFILE

Robert S. Harris

TITLE: Partner/Senior Scientist: Harris & Lee Environmental Sciences LLC
Partner: Lee Seeley & Harris

EXPERTISE: Thirty-six (36) years experience in Environmental Analytical Chemistry and Environmental Toxicology. Efforts involved full research laboratory supervision for the University of California as well as commercial laboratories involved in Environmental Analytical Chemistry. Developed and refined the now standard method for PCB Analysis in various matrices. Mr. Harris has supported Risk Assessments, Site Audits, Health and Safety Management programs, and Hazardous Waste Management Programs. In addition, Mr. Harris has brought electronic data management technology into major petroleum industry members including Exxon, USA, Chevron USA, Texaco, USA, Mobil Oil Corporation, Atlantic Richfield (ARCO), Amarada Hess, Unocal, and Pacific Gas and Electric Company.

EXPERIENCE: Laboratory Director for the University of California for 11 years beginning in 1964; operated laboratories on the Davis Campus and the Hopland Field Station in Mendocino County, California. Published 12 research papers at the University of California.

Founded Multi-Tech Laboratories in Ukiah in 1974. Established laboratories in Ukiah and Santa Rosa, CA. Multi-Tech Laboratories was one of the larger laboratories in California. During this time Mr. Harris developed several methodologies for environmental analysis, including the standard method for the analyses of Polychlorinated Biphenyls (PCB’s) in water, soils and oils. When the laboratory became a part of Environmental Testing and Certification Corporation, Mr. Harris was Executive Vice President in charge of western United States operations.

Established American Technologies in 1992 and developed it in the United States and Mexico. Changed name of American Technologies to Harris & Lee Environmental Sciences in 1997. Development and refinement of the concept of environmental management where toxic risk evaluation and regulatory requirements guide the project oversight. Supervised the management and orchestration of source monitoring in Southern California. In Northern California, developed a waste minimization
program that converted waste costing $120K per month for disposal into a usable fuel to operate high pressure steam boilers.

Has carried out property transfer assessments and aided in the control and management of environmental as well as health and safety risk. In this capacity, Mr. Harris has used his knowledge of the sciences of chemistry and toxicology to properly identify risks that are real and to separate these from situations where the risk is suspected but not real. In this capacity, Mr. Harris has assisted lending institutions, insurance companies, real estate professionals and law firms in identifying chemical profiles and characteristics in toxic situations and managing environmental risk. Mr. Harris has extensive experience in litigation support and expert testimony in areas of environmental chemistry and industrial process chemistry.

ACADEMIC BACKGROUND: BS. Zoology, Minor, Chemistry, University of California, Davis, 1964  
MS, Biology, emphasis Biochemistry, California State University, Sonoma, 1972

PUBLICATIONS: Published approximately 12 times in the fields of agricultural chemistry, neurophysiology and animal physiology.

SPECIALIZED TRAINING: Varian Gas Chromatography Course  
Varian Electronic Chromatograph Data Reduction  
Hewlett Packard GC/MS Course I  
Hewlett Packard GC/MS Course II  
Risk Assessment for Hazardous Chemicals  
University of California Hazardous Materials Courses  
University of California Advanced Environmental Auditing  
American Society for Testing and Materials, Risk Based Corrective Action

PROFESSIONAL AFFILIATIONS: American Chemical Society  
American Association for the Advancement of Science  
American Water Works Association  
Rotary International

CERTIFICATIONS: California Registered Environmental Assessor  
REA #4966
PROFESSIONAL PROFILE

Patricia A. Beach, CIH

TITLE: Partner/Senior Scientist: Harris & Lee Environmental Sciences LLC

EXPERTISE: As a Certified Industrial Hygienist (CIH), Ms. Beach has extensive experience in the recognition, evaluation and control of hazards in the workplace and the environment. She has over thirteen years of experience in environmental risk assessment, toxicology and occupational health and safety. She specializes in chemical exposure assessment and control with a wide-array of experience in assessing and managing chemical safety issues across industry sectors. She has extensive experience in the risk reduction and control of unique chemical hazards, namely potent pharmaceutical and R&D compounds. As the senior industrial hygienist for a major Bay Area biopharmaceutical company, she established numerous health and safety programs from inception with measured results and success, including the Potent Pharmaceutical Safety program. She offers a unique blend of strong technical skills with business acumen to effectively communicate the issues to a range of stakeholders from industrial operators to executive leaders to solve problems always with the business needs and goals in mind.

EXPERIENCE: As an Associate Toxicologist for over five years with two leading environmental consulting firms, Ms. Beach served clients in environmental site cleanup activities by supporting the establishment of cleanup criteria, human health risk assessment, preparing health and safety plans for hazardous waste site remediation programs, conducting exposure assessments under Proposition 65, and preparing Material Safety Data Sheets for new and existing chemicals. She also provided support to a Bay Area School District on issues ranging from potential exposures and cleanup of toxic mold to management of lead and asbestos remediation activities.

Ms. Beach worked in the Pico Rivera enforcement office of Cal/OSHA, widely considered the most active Cal/OSHA office in the state, where she assisted compliance inspectors during site inspections of alleged work place violations. She evaluated numerous worksites and hazardous processes ranging from indoor air quality issues in office buildings, to hazards of commercial laundry facilities, lead smelters and electroplating operations to
name a few. She has been on both sides of OSHA inspections and is adept at guiding clients how to prepare for, and most importantly, how to avoid OSHA inspections by implementing effective health and safety programs.

Ms. Beach worked for over seven years as the Associate Director of Corporate Occupational Health and Industrial Hygiene for a leading global biopharmaceuticals company. Ms. Beach developed, gained support for, implemented and provided management oversight for numerous occupational health and safety programs related to risk reduction and OSHA and EPA compliance. She authored the corporate policies and established the program elements for the following: Laboratory Chemical Safety, Hazard Communication/Community Right-to-Know, Potent Pharmaceutical Compound Safety, Respiratory Protection, Hearing Conservation, Confined Space Safety, Indoor Air Quality, Lead and Asbestos Management Programs, Third-Party Contractor Safety, and the Environment, Health and Safety (EH&S) Change Management Program. She also provided support and guidance on numerous building design projects that facilitated the incorporation of EH&S requirements from design inception through construction and commissioning. Ms. Beach has provided support and oversight for Injury, Illness Incident Prevention Programs, Lockout/Tagout, Fire Safety, Ergonomics, and EH&S metrics development and reporting. She was instrumental in bringing EH&S data management software to fruition in her company and also managed the implementation of an occupational health and industrial hygiene data management tool, Medgate.

ACADEMIC BACKGROUND:  
BS, Environmental Toxicology, University of California, Davis, 1993
MS, Environmental Health Sciences, emphasis Industrial Hygiene, University of California, Los Angeles, 1998


PROFESSIONAL AFFILIATIONS: Member, American Industrial Hygiene Association
Director, American Industrial Hygiene Association, Northern California Chapter.

CERTIFICATIONS: Certified Industrial Hygienist, #8494
Registered Environmental Assessor, #08178
Exhibit A – Vicinity Map
Exhibit B – Preliminary Title Report and Assessor’s Parcel Map
In response to the application for a policy of title insurance referenced herein, **Fidelity National Title Company** hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner’s Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

The policy(s) of title insurance to be issued hereunder will be policy(s) of Fidelity National Title Insurance Company, a California corporation.

Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.

---

**Fidelity National Title Company**

**Countersigned**

**President**

**Secretary**

CLTA Preliminary Report Form - Modified (11/17/06)
Preliminary Report

Title Officer: Ramon Veloz
Escrow Officer: Stephanie Meyer
Escrow No.: 10-490124074-SM

Title No.: 10-490124074-B-RV
Locate No.: CAFNT0949-0949-0001-0490124074

TO: Exchange Bank
   Special Assets Department
   Santa Rosa, CA 95401

ATTN: Liz Yager

Property Address: 1360 Burbank Avenue & 1027 McMinn Avenue, Santa Rosa, California

Effective Date: September 13, 2010, 07:30 A.M.

The form of policy or policies of title insurance contemplated by this report is:

CLTA Standard Coverage Policy - 1990

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

   A Fee

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

   Exchange Bank, a California banking corporation

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

   SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

WM\WM 08/13/2010
LEGAL DESCRIPTION

EXHIBIT "A"

THE LAND REFERRED TO HEREBIN BELOW IS SITUATED IN THE UNINCORPORATED AREA, COUNTY OF SONOMA, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

Parcel One:

Being a portion of the 11 Acre Tract described in the deed from George W. Dutton and Hallie M. Dutton, his wife, to John G. Grant, dated March 24, 1920, and recorded in Liber 384 of Deeds, Page 130 of Sonoma County Records, and being more particularly described as follows:

Beginning at an iron pin in the East line of the before mentioned 11 acre tract which is South 5° 45' East 252.74 feet from the Northeast corner of said tract; thence South 73° 04' West 893.64 feet to an iron pin in the center of a 40 foot road; thence along the center of said road South 5° 45' East 296.40 feet to an iron pin marking the Southwest corner of said 11 acre tract; thence along the South line of said tract North 73° East 893.64 feet to an iron pin marking the Southeast corner of said 11 acre tract; thence North 5° 45' West, 294.40 feet to the point of beginning.

Assessor's Parcel Number: 125-252-002-000

Parcel Two:

Being a portion of the 11 Acre Tract described in the deed from George W. Dutton and Hallie M. Dutton, his wife, to John G. Grant, dated March 24, 1920, and recorded in Liber 384 of Deeds, Page 130 of Sonoma County Records, and being more particularly described as follows:

Being in the Rancho Cabeza De Santa Rosa in Township seven (7) North, Range eight (8) West, M.D.M., and Beginning at an iron pin marking the Northeast corner of the above mentioned 11 Acre Tract; thence South 5° 45' East and along the East line of said 11 Acre Tract, 252.74 feet to an iron pin; thence South 73° 04' West, 893.64 feet to an iron pin in the center of a 40 foot road; thence along the center of said road, North 5° 45' West, 250.74 feet to an iron pin marking the Northwestern corner of the before mentioned 11 Acre Tract; thence along the North line of said tract, North 73° 0' East, 893.64 feet to the point of beginning.

Excepting therefrom all that portion as described in deed to the County of Sonoma, recorded January 16, 1969 in Book 2373, Page 186, Series No. L-6073, Sonoma County Records.

Assessor's Parcel Number: 125-252-004-000
AT THE DATE HEREOF, ITEMS TO BE CONSIDERED AND EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:

1. **Property taxes**, including any personal property taxes and any assessments collected with taxes, for the fiscal year 2010-2011, Assessor's Parcel Number 125-252-002-000.

   Code Area Number: 150-008  
   1st Installment: $1,513.16  Open  
   2nd Installment: $1,513.16  Open  
   Land: $280,000.00  
   Improvements: $0.00  
   Exemption: $0.00  
   Personal Property: $0.00  

2. **Property taxes**, including any personal property taxes and any assessments collected with taxes, for the fiscal year 2010-2011, Assessor's Parcel Number 125-252-004-000.

   Code Area Number: 150-008  
   1st Installment: $1,461.99  Open  
   2nd Installment: $1,461.99  Open  
   Land: $270,000.00  
   Improvements: $0.00  
   Exemption: $0.00  
   Personal Property: $0.00  

3. The **lien of supplemental taxes**, if any, assessed pursuant to the provisions of Chapter 3.5 (Commencing with Section 75) of the Revenue and Taxation code of the State of California.

4. **Rights of the public** as to any portion of the land lying within the area commonly known as Burbank Avenue and McMinn Avenue.

5. The **fact** that said land is included within a project area of the Redevelopment Agency shown below, and that proceedings for the redevelopment of said project have been instituted under the Redevelopment Law (such redevelopment to proceed only after the adoption of the redevelopment plan) as disclosed by a document.

   Redevelopment Agency: Southwest Redevelopment Project  
6. **The application** for title insurance was placed by reference to only a street address or tax identification number.

Based on our records, we believe that the description in this report covers the parcel requested, however, if the legal description is incorrect a new report must be prepared.

If the legal description is incorrect, in order to prevent delays, the seller/buyer/borrower must provide the Company and/or the settlement agent with the correct legal description intended to be the subject of this transaction.

7. **This Company will require** the following documents for review prior to the issuance of any title assurance predicated upon a conveyance or encumbrance by the corporation named below.

Corporation: Exchange Bank, a California banking corporation,

(a) A copy of the corporation By-Laws and Articles of Incorporation.

(b) An original or certified copy of the Resolution authorizing the transaction contemplated herein.

(c) If the Articles and/or By-Laws require approval by a "parent" organization, a copy of the Articles and By-Laws of the parent.

The right is reserved to add requirements or additional items after completion of such review.

8. **If a work of improvement** is contemplated, in progress or recently completed. To assist the Company in determining if it can give the priority coverage contained within the policy contemplated by this report, please provide the following:

(a) Current Financial Statement and/or Current Loan Application.

(b) Project Cost Breakdown.

(c) Completed Loss of Priority Questionnaire. (This form furnished by the Company).

(d) A fully executed Indemnity Agreement. (This form furnished by the Company).

(e) If work* has commenced prior to the recordation of the Construction Deed of Trust there will be further requirements and the closing of the transaction could be delayed.

*"Work" may include, among other things, any preparation of the site for the planned construction, delivery of construction materials or equipment and any labor furnished.

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

9. **The transaction contemplated** in connection with this Report is subject to the review and approval of the Company’s Corporate Underwriting Department. The Company reserves the right to add additional items or make further requirements after such review.

**END OF ITEMS**
Note 1. The name(s) of the buyer(s) furnished with this application for Title Insurance is/are:

County of Sonoma

If these names are incorrect, incomplete or misspelled, please notify the Company.

Note 2. The only deeds affecting said land, which recorded within twenty-four (24) months of the date of this report, as are follows:

Grantor: Redwood Trust Deed Services, Inc.
Grantee: Exchange Bank, a California banking corporation
Recorded: August 18, 2009, Instrument No. 2009081586, of Official Records

Note 3. The charge for a policy of title insurance, when issued through this title order, will be based on the Basic (not Short-Term) Title Insurance Rate.

Note 4. If a county recorder, title insurance company, escrow company, real estate broker, real estate agent or association provides a copy of a declaration, governing document or deed to any person, California law requires that the document provided shall include a statement regarding any unlawful restrictions. Said statement is to be in at least 14-point bold face type and may be stamped on the first page of any document provided or included as a cover page attached to the requested document. Should a party to this transaction request a copy of any document reported herein that fits this category, the statement is to be included in the manner described.

Note 5. Wiring instructions for Fidelity National Title Company, Santa Rosa, CA, are as follows:

Receiving Bank: JP Morgan Chase Bank, N.A.
12655 South West Center Street, Suite 140
Beaverton, OR 97005

ABA Routing No.: 021000021

Credit Account Name: Fidelity National Title Company - Santa Rosa Main Office
500 Bicentennial Way, Suite 200, Santa Rosa, CA 95403

Credit Account No.: 0670711003

Escrow No.: 10-490124074-SM

These wiring instructions are for this specific transaction involving the Title Department of the Rancho Cordova office of Fidelity National Title Company. These instructions therefore should not be used in other transactions without first verifying the information with our accounting department. It is imperative that the wire text be exactly as indicated. Any extraneous information may cause unnecessary delays in confirming the receipt of funds.

Note 6. Any documents being executed in conjunction with this transaction must be signed in the presence of an authorized Company employee, an authorized employee of an agent, an authorized employee of the insured lender, or by using Bancserv or other approved third-party service. If the above requirements cannot be met, please call the company at the number provided in this report.

END OF NOTES
ATTACHMENT ONE

AMERICAN LAND TITLE ASSOCIATION
RESIDENTIAL TITLE INSURANCE POLICY (6-1-87) EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   • land use
   • improvements on the land
   • land division
   • environmental protection
   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at policy date. This exclusion does not limit the zoning coverage described in Items 12 and 13 of covered Title Risks.

2. The right to take the land by condemning it, unless:
   • a notice of exercising the right appears in the public records on the Policy Date
   • the taking happened prior to the Policy Date and is binding on you if you bought the land without knowledge of the taking

In addition to the Exclusions, you are not insured against loss, costs, attorneys' fees, and the expenses resulting from:

1. Any rights, interests, or claims of parties in possession of the land not shown by the public records.

2. Any easements or liens not shown by the public records. This does not limit the lien coverage in Item 8 of Covered Title Risks.

3. Title Risks:
   • that are created, allowed, or agreed to by you
   • that are known to you, but not to us, on the Policy Date unless they appeared in the public records
   • that result in no loss to you
   • that first affect your title after the Policy Date - this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks

4. Failure to pay value for your title.

5. Lack of a right:
   • to any land outside the area specifically described and referred to in Item 3 of Schedule A or
   • in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

3. Any facts about the land which a correct survey would disclose and which are not shown by the public records. This does not limit the forced removal coverage in Item 12 of Covered Title Risks.

4. Any water rights or claims or title to water in or under the land, whether or not shown by the public records.
ATTACHMENT ONE
(CONTINUED)

CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys’ fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to: (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy, or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors’ rights laws.

SCHEDULE B, PART I
EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys’ fees or expenses) which arise by reason of:

PART I

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.
ATTACHMENT ONE
(CONTINUED)

FORMERLY AMERICAN LAND TITLE ASSOCIATION LOAN POLICY (10-17-92)
WITH A.L.T.A. ENDORSEMENT-FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part, or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.

3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy, or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.

4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the land is situated.

5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.

6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.

7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer, or
(b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.
In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.

2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be ascertained by persons in possession thereof.

3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.

4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.

5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.

6. Any lien or right to a lien for services, labor or material not shown by the public records.
ATTACHMENT ONE
(CONTINUED)

2006 AMERICAN LAND TITLE ASSOCIATION LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys’ fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land, or
   (iv) environmental protection,
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed, or agreed to by the Insured Claimant,
   (b) not known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy,
   (c) resulting in no loss or damage to the Insured Claimant,
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14);
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.

5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.

6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors’ rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.
In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys’ fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records,
   (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.

2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.

3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.

4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.

5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

6. Any lien or right to a lien for services, labor or material not shown by the public records.
ATTACHMENT ONE (CONTINUED)

FORMERLY AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY (10-17-92)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part, or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.

3. Defects, liens, encumbrances, adverse claims, or other matters.
   (a) created, suffered, assumed or agreed to by the insured claimant,
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy,
   (c) resulting in no loss or damage to the insured claimant,
   (d) attaching or created subsequent to Date of Policy, or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on
   (i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
   (ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
      (a) to timely record the instrument of transfer, or
      (b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.

In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.

2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.

3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.

4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.

5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.

6. Any lien or right to a lien for services, labor or material not shown by the public records.
ATTACHMENT ONE
(CONTINUED)

2006 AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to:
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not known to the Company, not recorded in the Public Records at Date of Policy, but known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.

4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is (a) a fraudulent conveyance or fraudulent transfer; or (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.

5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.
In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records, (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.
ATTACHMENT ONE
(CONTINUED)

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
   a. building
   b. zoning
   c. Land use
   d. improvements on Land
   e. Land division
   f. environmental protection

This Exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.

This Exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.

2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.

3. The right to take the Land by condemning it, unless:
   a. notice of exercising the right appears in the Public Records at the Policy Date, or
   b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.

4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records,
   b. that are known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date,
   c. that result in no loss to You, or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.

5. Failure to pay value for Your Title.

6. Lack of a right:
   a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A, and
   b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 18.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 14, 15, 16 and 18, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

<table>
<thead>
<tr>
<th>Covered Risk</th>
<th>Your Deductible Amount</th>
<th>Our Maximum Dollar Limit of Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>1.00% of Policy Amount or $2,500.00 (whichever is less)</td>
<td>$10,000.00</td>
</tr>
<tr>
<td>15</td>
<td>1.00% of Policy Amount or $5,000.00 (whichever is less)</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>16</td>
<td>1.00% of Policy Amount or $5,000.00 (whichever is less)</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>18</td>
<td>1.00% of Policy Amount or $2,500.00 (whichever is less)</td>
<td>$5,000.00</td>
</tr>
</tbody>
</table>

Attachment One (4/11/10)
ATTACHMENT ONE
(CONTINUED)

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (01-01-08)
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (01-01-08)

EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;
   d. improvements on the Land;
   e. land division; and
   f. environmental protection.

This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.

2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.

3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.

4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.

5. Failure to pay value for Your Title.

6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A, and
   b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 21.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner’s Coverage Statement as follows:

- For Covered Risk 16, 18, 19 and 21, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

<table>
<thead>
<tr>
<th>Your Deductible Amount</th>
<th>Our Maximum Dollar Limit of Liability</th>
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</thead>
<tbody>
<tr>
<td>Covered Risk 16:</td>
<td>1.00% of Policy Amount Shown in Schedule A or $ 2,500.00 (whichever is less)</td>
</tr>
<tr>
<td>Covered Risk 18:</td>
<td>1.00% of Policy Amount Shown in Schedule A or $ 5,000.00 (whichever is less)</td>
</tr>
<tr>
<td>Covered Risk 19:</td>
<td>1.00% of Policy Amount Shown in Schedule A or $ 5,000.00 (whichever is less)</td>
</tr>
<tr>
<td>Covered Risk 21:</td>
<td>1.00% of Policy Amount Shown in Schedule A or $ 2,500.00 (whichever is less)</td>
</tr>
</tbody>
</table>

Attachment One (4/11/10)
ATTACHMENT ONE
(CONTINUED)

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (10/13/01)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions or location of any improvements now or hereafter erected on the Land; (iii) a separation in ownership or a change in the dimensions or areas of the Land or any parcel of which the Land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforced thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.

(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the Public Records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without Knowledge.

3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) created, suffered, assumed or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy,
   (c) resulting in no loss damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (this paragraph does not limit the coverage provided under Covered Risks 8, 16, 18, 19, 20, 21, 22, 23, 24, 25 and 26); or
   (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of the Insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the Land is situated.

5. Invalidity or unenforceability of the lien of the Insured Mortgage, or claim thereof, which arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, except as provided in Covered Risk 27, or any consumer credit protection or truth in lending law.

6. Real property taxes or assessments of any governmental authority which become a lien on the Land subsequent to Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 7, 8(e) and 26.

7. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This exclusion does not limit the coverage provided in Covered Risk 8.

8. Lack of priority of the lien of the Insured Mortgage as to each and every advance made after Date of Policy, and all interest charged thereon, over liens, encumbrances and other matters affecting the title, the existence of which are Known to the Insured at:
   (a) The time of the advance; or
   (b) The time a modification is made to the terms of the Insured Mortgage which changes the rate of interest charged, if the rate of interest is greater as a result of the modification than it would have been before the modification. This exclusion does not limit the coverage provided in Covered Risk 8.

9. The failure of the residential structure, or any portion thereof to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at Date of Policy.

Attachment One (4/11/10)
ATTACHMENT ONE
(CONTINUED)

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (01/01/08)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection,
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.

5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.

6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.

8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 3 or 6.
Notice

You may be entitled to receive a $20.00 discount on escrow services if you purchased, sold or refinanced residential property in California between May 19, 1995 and November 1, 2002. If you had more than one qualifying transaction, you may be entitled to multiple discounts.

If your previous transaction involved the same property that is the subject of your current transaction, you do not have to do anything; the Company will provide the discount, provided you are paying for escrow or title services in this transaction.

If your previous transaction involved property different from the property that is subject of your current transaction, you must - prior to the close of the current transaction - inform the Company of the earlier transaction, provide the address of the property involved in the previous transaction, and the date or approximate date that the escrow closed to be eligible for the discount.

Unless you inform the Company of the prior transaction on property that is not the subject of this transaction, the Company has no obligation to conduct an investigation to determine if you qualify for a discount. If you provide the Company information concerning a prior transaction, the Company is required to determine if you qualify for a discount which is subject to other terms and conditions.

Effective through November 1, 2014
Fidelity National Financial, Inc. and its subsidiaries ("FNF") respect the privacy and security of your non-public personal information ("Personal Information") and protecting your Personal Information is one of our top priorities. This Privacy Statement explains FNF's privacy practices, including how we use the Personal Information we receive from you and from other specified sources, and to whom it may be disclosed. FNF follows the privacy practices described in this Privacy Statement and, depending on the business performed, FNF companies may share information as described herein.

**Personal Information Collected**

We may collect Personal Information about you from the following sources:

- Information we receive from you on applications or other forms, such as your name, address, social security number, tax identification number, asset information, and income information;
- Information we receive from you through our Internet websites, such as your name, address, email address, Internet Protocol address, the website links you used to get to our websites, and your activity while using or reviewing our websites;
- Information about your transactions with or services performed by us, our affiliates, or others, such as information concerning your policy, premiums, payment history, information about your home or other real property, information from lenders and other third parties involved in such transaction, account balances, and credit card information; and
- Information we receive from consumer or other reporting agencies and publicly recorded documents.

**Disclosure of Personal Information**

We may provide your Personal Information (excluding information we receive from consumer or other credit reporting agencies) to various individuals and companies, as permitted by law, without obtaining your prior authorization. Such laws do not allow consumers to restrict these disclosures. Disclosures may include, without limitation, the following:

- To insurance agents, brokers, representatives, support organizations, or others to provide you with services you have requested, and to enable us to detect or prevent criminal activity, fraud, material misrepresentation, or nondisclosure in connection with an insurance transaction;
- To third-party contractors or service providers for the purpose of determining your eligibility for an insurance benefit or payment and/or providing you with services you have requested;
- To an insurance regulatory authority, or a law enforcement or other governmental authority, in a civil action, in connection with a subpoena or a governmental investigation;
- To companies that perform marketing services on our behalf or to other financial institutions with which we have joint marketing agreements and/or
- To lenders, lien holders, judgment creditors, or other parties claiming an encumbrance or an interest in title whose claim or interest must be determined, settled, paid or released prior to a title or escrow closing.

We may also disclose your Personal Information to others when we believe, in good faith, that such disclosure is reasonably necessary to comply with the law or to protect the safety of our customers, employees, or property and/or to comply with a judicial proceeding, court order or legal process.
Disclosure to Affiliated Companies - We are permitted by law to share your name, address and facts about your transaction with other FNF companies, such as insurance companies, agents, and other real estate service providers to provide you with services you have requested, for marketing or product development research, or to market products or services to you. We do not, however, disclose information we collect from consumer or credit reporting agencies with our affiliates or others without your consent, in conformity with applicable law, unless such disclosure is otherwise permitted by law.

Disclosure to Nonaffiliated Third Parties - We do not disclose Personal Information about our customers or former customers to nonaffiliated third parties, except as outlined herein or as otherwise permitted by law.

Confidentiality and Security of Personal Information
We restrict access to Personal Information about you to those employees who need to know that information to provide products or services to you. We maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard Personal Information.

Access To Personal Information/
Requests for Correction, Amendment, or Deletion of Personal Information
As required by applicable law, we will afford you the right to access your Personal Information, under certain circumstances to find out to whom your Personal Information has been disclosed, and request correction or deletion of your Personal Information. However, FNF's current policy is to maintain customers' Personal Information for no less than your state's required record retention requirements for the purpose of handling future coverage claims.

For your protection, all requests made under this section must be in writing and must include your notarized signature to establish your identity. Where permitted by law, we may charge a reasonable fee to cover the costs incurred in responding to such requests. Please send requests to:

Chief Privacy Officer
Fidelity National Financial, Inc.
601 Riverside Avenue
Jacksonville, FL 32204

Changes to this Privacy Statement
This Privacy Statement may be amended from time to time consistent with applicable privacy laws. When we amend this Privacy Statement, we will post a notice of such changes on our website. The effective date of this Privacy Statement, as stated above, indicates the last time this Privacy Statement was revised or materially changed.
Notice of Available Discounts

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer’s right to be charged the filed rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for such discount. These discounts only apply to transactions involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

**FNF Underwritten Title Companies**
- FNTC – Fidelity National Title Company
- FNTCCA – Fidelity National Title Company of California

**FNF Underwriter**
- FNTIC – Fidelity National Title Insurance Company

**Available Discounts**

**CREDIT FOR PRELIMINARY REPORTS AND/OR COMMITMENTS ON SUBSEQUENT POLICIES (FNTIC)**
Where no major change in the title has occurred since the issuance of the original report or commitment, the order may be reopened within 12 or 36 months and all or a portion of the charge previously paid for the report or commitment may be credited on a subsequent policy charge.

**FEE REDUCTION SETTLEMENT PROGRAM (FNTC, FNTCCA and FNTIC)**
Eligible customers shall receive a $20.00 reduction in their title and/or escrow fees charged by the Company for each eligible transaction in accordance with the terms of the Final Judgments entered in *The People of the State of California et al. v. Fidelity National Title Insurance Company et al.*, Sacramento Superior Court Case No. 99AS02793, and related cases.

**DISASTER LOANS (FNTIC)**
The charge for a Lender’s Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within 24 months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be 50% of the appropriate title insurance rate.

**CHURCHES OR CHARITABLE NON-PROFIT ORGANIZATIONS (FNTIC)**
On properties used as a church or for charitable purposes within the scope of the normal activities of such entities, provided said charge is normally the church’s obligation the charge for an owner’s policy shall be 50% or 70% of the appropriate title insurance rate, depending on the type of coverage selected. The charge for a lender’s policy shall be 32% or 50% of the appropriate title insurance rate, depending on the type of coverage selected.


CA Discount Notice (notdisc-fnt)

Effective Date: 7/1/2010
This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
Exhibit D – Site Photographs
Typical view across subject property

Typical view across subject property

Typical view across subject property

Typical view across subject property; residential structure is located at northeast corner of subject property
Exhibit E – Historic Topographic and Aerial Photographs
Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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Historical Topographic Map

TARGET QUAD
NAME: SANTA ROSA
MAP YEAR: 1954
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Exchange Bank
ADDRESS: 1027 McMinn Avenue
Santa Rosa, CA 95407
LAT/LONG: 38.4246 / -122.7334

CLIENT: Harris & Lee Env. Sciences
CONTACT: Bob Harris
INQUIRY#: 2839355.4
RESEARCH DATE: 08/11/2010
Historical Topographic Map

TARGET QUAD
NAME: SANTA ROSA
MAP YEAR: 1954
SERIES: 15
SCALE: 1:62500

SITE NAME: Exchange Bank
ADDRESS: 1027 McMinn Avenue
Santa Rosa, CA 95407
LAT/LONG: 38.4246 / -122.7334

CLIENT: Harris & Lee Env. Sciences
CONTACT: Bob Harris
INQUIRY#: 2839355.4
RESEARCH DATE: 08/11/2010
### TARGET QUAD
- **NAME:** SANTA ROSA
- **MAP YEAR:** 1968
- **PHOTOREVISED:** 1954
- **SERIES:** 7.5
- **SCALE:** 1:24000

### SITE NAME
- **ADDRESS:** 1027 McMinn Avenue
  Santa Rosa, CA 95407
- **LAT/LONG:** 38.4246 / -122.7334

### CLIENT
- **Harris & Lee Env. Sciences**
- **CONTACT:** Bob Harris
- **INQUIRY#:** 2839355.4
- **RESEARCH DATE:** 08/11/2010
TARGET QUAD
NAME: SANTA ROSA
MAP YEAR: 1973
PHOTOREVISED: 1954
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Exchange Bank
ADDRESS: 1027 McMinn Avenue
             Santa Rosa, CA 95407
LAT/LONG: 38.4246 / -122.7334

CLIENT: Harris & Lee Env. Sciences
CONTACT: Bob Harris
INQUIRY#: 2839355.4
RESEARCH DATE: 08/11/2010
Historical Topographic Map

TARGET QUAD
NAME: SANTA ROSA
MAP YEAR: 1980
PHOTOREVISED: 1954
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Exchange Bank
ADDRESS: 1027 McMinn Avenue
Santa Rosa, CA 95407
LAT/LONG: 38.4246 / -122.7334

CLIENT: Harris & Lee Env. Sciences
CONTACT: Bob Harris
INQUIRY#: 2839355.4
RESEARCH DATE: 08/11/2010
Exchange Bank
1027 McMinn Avenue
Santa Rosa, CA 95407

Inquiry Number: 2839355.5
August 13, 2010
Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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**Date EDR Searched Historical Sources:**
Aerial Photography August 13, 2010

**Target Property:**
1027 McMinn Avenue
Santa Rosa, CA 95407

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<th>Year</th>
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<th>Details</th>
<th>Source</th>
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INQUIRY #: 2839355.5
YEAR: 1953

= 555'
INQUIRY #: 2839355.5
YEAR: 1965

= 333'
Exhibit F – Environmental Data Resources Reports
The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Harris & Lee Env. Sciences were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

**Certified Sanborn Results:**

**Site Name:** Exchange Bank  
**Address:** 1027 McMinn Avenue  
**City, State, Zip:** Santa Rosa, CA 95407  
**Cross Street:**  
**P.O. #** 1027 McMinn Ave  
**Project:** Exchange Bank  
**Certification #** 6A7B-48D1-93A4

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

**Limited Permission To Make Copies**  
Harris & Lee Env. Sciences (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Exchange Bank  
1027 McMinn Avenue  
Santa Rosa, CA 95407  
Inquiry Number: 2839355.6  
August 10, 2010
## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

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**Thank you for your business.**

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

---

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New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. Executive Summary. The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.

2. Page Images. Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.

3. Findings Listed by Location. Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. You Select Addresses and EDR Selects Addresses. Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.

2. EDR Selects Addresses. Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.

3. You Select Addresses. Use this method for research based solely on the addresses you select or enter into the system.

4. Hold City Directory Research Option. If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.’s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1930 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<table>
<thead>
<tr>
<th>Year</th>
<th>Source</th>
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<th>Text Abstract</th>
<th>Source Image</th>
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<td>-</td>
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<td>X</td>
<td>-</td>
<td>X</td>
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<td>1976</td>
<td>R. L. Polk Co. Publishers</td>
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<td>-</td>
<td>-</td>
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<tr>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1930</td>
<td>R. L. Polk Co., of California Publishers</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
## SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<table>
<thead>
<tr>
<th>Address</th>
<th>Type</th>
<th>Findings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100 Hughes Ave</td>
<td>Client Entered</td>
<td></td>
</tr>
</tbody>
</table>
### TARGET PROPERTY INFORMATION

#### ADDRESS
1027 McMinn Avenue  
Santa Rosa, CA   95407

### FINDINGS DETAIL
Target Property research detail.

<table>
<thead>
<tr>
<th>Year</th>
<th>Uses</th>
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<td>R. L. Polk Co. Publishers</td>
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<td>R. L. Polk Co. Publishers</td>
</tr>
<tr>
<td>1981</td>
<td>Kemp Felix</td>
<td>The Pacific Telephone and Telegraph Company</td>
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<td></td>
<td>Kemp Gary L</td>
<td>The Pacific Telephone and Telegraph Company</td>
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<tr>
<td>1976</td>
<td>Kemp Felix F</td>
<td>R. L. Polk Co. Publishers</td>
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<tr>
<td>1965</td>
<td>Kemp Felix R</td>
<td>R. L. Polk Co. Publishers</td>
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</tbody>
</table>
FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

No Addresses Found
# FINDINGS

## TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

<table>
<thead>
<tr>
<th>Address Researched</th>
<th>Address Not Identified in Research Source</th>
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</table>

## ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<table>
<thead>
<tr>
<th>Address Researched</th>
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# TABLE OF CONTENTS

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<tr>
<th>SECTION</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>Executive Summary</td>
<td>ES1</td>
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<tr>
<td>Overview Map</td>
<td>2</td>
</tr>
<tr>
<td>Detail Map</td>
<td>3</td>
</tr>
<tr>
<td>Map Findings Summary</td>
<td>4</td>
</tr>
<tr>
<td>Map Findings</td>
<td>7</td>
</tr>
<tr>
<td>Orphan Summary</td>
<td>101</td>
</tr>
<tr>
<td>Government Records Searched/Data Currency Tracking</td>
<td>GR-1</td>
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**GEOCHECK ADDENDUM**

| Physical Setting Source Addendum              | A-1    |
| Physical Setting Source Summary              | A-2    |
| Physical Setting SSURGO Soil Map             | A-6    |
| Physical Setting Source Map                  | A-11   |
| Physical Setting Source Map Findings         | A-13   |
| Physical Setting Source Records Searched     | A-20   |

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

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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

1027 MCMINN AVENUE
SANTA ROSA, CA 95407

COORDINATES

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>Latitude (North)</td>
<td>38.424600 - 38˚ 25’ 28.6”</td>
</tr>
<tr>
<td>Longitude (West)</td>
<td>122.733400 - 122˚ 44’ 0.2”</td>
</tr>
<tr>
<td>Universal Tranverse Mercator</td>
<td>Zone 10</td>
</tr>
<tr>
<td>UTM X (Meters)</td>
<td>523371.8</td>
</tr>
<tr>
<td>UTM Y (Meters)</td>
<td>4252754.0</td>
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<tr>
<td>Elevation</td>
<td>127 ft. above sea level</td>
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USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

<table>
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<th>Map Type</th>
<th>Description</th>
<th>Revision</th>
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<tr>
<td>Target Property Map</td>
<td>38122-D6 SANTA ROSA, CA</td>
<td>1999</td>
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<tr>
<td>West Map</td>
<td>38122-D7 SEBASTOPOL, CA</td>
<td>1980</td>
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</table>

AERIAL PHOTOGRAPHY IN THIS REPORT

<table>
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<th>Description</th>
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<th>Source</th>
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<tr>
<td>Portions of Photo from</td>
<td>2006, 2005</td>
<td>USDA</td>
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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
EXECUTIVE SUMMARY

Proposed NPL, Proposed National Priority List Sites
NPL LIENS, Federal Superfund Liens

Federal Delisted NPL site list
Delisted NPL, National Priority List Deletions

Federal CERCLIS list
FEDERAL FACILITY, Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list
CORRACTS, Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list
RCRA-TSDF, RCRA - Treatment, Storage and Disposal

Federal RCRA generators list
RCRA-LOG, RCRA - Large Quantity Generators
RCRA-SOG, RCRA - Small Quantity Generators
RCRA-CESOG, 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

Federal ERNS list
ERNS, Emergency Response Notification System

State- and tribal - equivalent NPL
RESPONSE, State Response Sites

State and tribal landfill and/or solid waste disposal site lists
SWF/LF, Solid Waste Information System

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

State and tribal registered storage tank lists
UST, Active UST Facilities
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
EXECUTIVE SUMMARY

VCP.............................. Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS.......... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites
DEBRIS REGION 9.......... Torres Martinez Reservation Illegal Dump Site Locations
ODL.......................... Open Dump Inventory
WMUDS/SWAT................ Waste Management Unit Database
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 Lists of Registered Storage Tanks
CA FID UST.................. Facility Inventory Database
HIST UST.................... Hazardous Substance Storage Container Database
SWEEPS UST................ SWEEPS UST Listing

Local Land Records
LIENS 2...................... CERCLA Lien Information
LUCIS....................... Land Use Control Information System
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 Ascertainable Records
RCRA-NonGen.............. RCRA - Non Generators
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
EXECUTIVE SUMMARY

UMTRA = Uranium Mill Tailings Sites
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 WDS = Waste Discharge System
NPDES = NPDES Permits Listing
Cortese = "Cortese" Hazardous Waste & Substances Sites List
DRYCLEANERS = Cleaner Facilities
WIP = Well Investigation Program Case List
HAZNET = Facility and Manifest Data
EMI = Emissions Inventory Data
SCRD = State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE = Financial Assurance Information Listing
HWP = EnviroStor Permitted Facilities Listing
HWT = Registered Hazardous Waste Transporter Database
COAL ASH EPA = Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER = PCB Transformer Registration Database
COAL ASH DOE = Sleam-Electric Plan Operation Data
MWMP = Medical Waste Management Program Listing
PROC = Certified Processors Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants = EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

Sites listed in bold italics are in multiple databases.

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

Federal CERCLIS list
CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 01/29/2010 has revealed that there are 6 CERCLIS sites within approximately 0.5 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>WEST AVENUE MERCURY</td>
<td>1363 WEST AVENUE</td>
<td>ESE 1/4 - 1/2 (0.296 mi.)</td>
<td>13</td>
<td>23</td>
</tr>
<tr>
<td>ALMETCO</td>
<td>1733 SEBASTOPOL ROAD</td>
<td>WNW 1/4 - 1/2 (0.357 mi.)</td>
<td>L31</td>
<td>42</td>
</tr>
<tr>
<td>ACME AUTO WRECKERS</td>
<td>1885 SEBASTOPOL ROAD</td>
<td>WNW 1/4 - 1/2 (0.408 mi.)</td>
<td>O46</td>
<td>58</td>
</tr>
<tr>
<td>BAUGH, MS. WILSON</td>
<td>805 SEBASTOPOL RD.</td>
<td>NNE 1/4 - 1/2 (0.413 mi.)</td>
<td>P49</td>
<td>63</td>
</tr>
<tr>
<td>MCMINN STATE SUPERFUND SITE</td>
<td>SEBASTOPOL ROAD / WEST</td>
<td>NE 1/4 - 1/2 (0.432 mi.)</td>
<td>P51</td>
<td>66</td>
</tr>
<tr>
<td>NORCAL GLASS CO.</td>
<td>673 SEBASTOPOL RD.</td>
<td>NE 1/4 - 1/2 (0.484 mi.)</td>
<td>T63</td>
<td>74</td>
</tr>
</tbody>
</table>

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 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>OPTICAL CODING LABORATORIES, I</td>
<td>970 SEBASTOPOL RD.</td>
<td>NNE 1/4 - 1/2 (0.348 mi.)</td>
<td>I24</td>
<td>32</td>
</tr>
<tr>
<td>ROSELAND SCHOOL WELLS</td>
<td>950 SEBASTOPOL ROAD</td>
<td>NNE 1/4 - 1/2 (0.355 mi.)</td>
<td>I28</td>
<td>38</td>
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</tbody>
</table>

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 06/16/2010 has revealed that there are 17 ENVIROSTOR sites within approximately 1 mile 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>MCMINN AVENUE</td>
<td>841 MCMINN AVENUE</td>
<td>NNE 1/8 - 1/4 (0.246 mi.)</td>
<td>A1</td>
<td>7</td>
</tr>
<tr>
<td>WESCOTT'S AUTO &amp; TRUCK PARTS IN</td>
<td>1569 SEBASTOPOL RD</td>
<td>NW 1/4 - 1/2 (0.302 mi.)</td>
<td>F14</td>
<td>24</td>
</tr>
<tr>
<td>COAST AUTO WRECKING</td>
<td>949 SEBASTOPOL RD</td>
<td>NNE 1/4 - 1/2 (0.356 mi.)</td>
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**EXECUTIVE SUMMARY**

**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 06/22/2010 has revealed that there are 34 LUST sites within approximately 0.5 miles of the target property.

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## Executive Summary

### Equal/Higher Elevation

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<th>Direction / Distance</th>
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SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 06/22/2010 has revealed that there are 19 SLIC sites within approximately 0.5 miles of the target property.

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<td>QUICK STOP MARKET</td>
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## EXECUTIVE SUMMARY

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### ADDITIONAL ENVIRONMENTAL RECORDS

**Other Ascertainable Records**

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

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

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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].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 21 HIST CORTESE sites within approximately 0.5 miles of the target property.

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

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 16 Notify 65 sites within approximately 1 mile of the target property.
Due to poor or inadequate address information, the following sites were not mapped:

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**EDR Proprietary Records**

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

TC2839355.2s  Page 6
A1
NNE
1/8-1/4
0.246 mi.
1301 ft.
Site 1 of 2 in cluster A

ENVIROSTOR:
- Site Type: Evaluation
- Site Type Detailed: Evaluation
- Acres: 350
- Regulatory Agencies: RWQCB 1 - North Coast
- Lead Agency: RWQCB 1 - North Coast
- Program Manager: Not reported
- Supervisor: Referred - Not Assigned
- Division Branch: Berkeley
- Facility ID: 49280005
- Site Code: 200065
- Assembly: 7
- Senate: 2
- Special Program: Not reported
- Status: Refer: RWQCB
- Status Date: 12/5/1994 0:00
- Restricted Use: NO
- Site Mgmt. Req.: NONE SPECIFIED
- Funding: Responsible Party
- Latitude: 38.42778717
- Longitude: -122.7328
- APN: 125-142-039
- Past Use: NONE SPECIFIED
- Potential COC: 20017
- Confirmed COC: NONE SPECIFIED
- Potential Description: NONE SPECIFIED
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- Alias Name: 110033610260
- Alias Type: EPA (FRS #)
- Alias Name: P21041
- Alias Type: PCode
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- Comments: Not reported

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<td>SANTA ROSA, CA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4-1/2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.255 mi.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>1349 ft.</td>
<td>Site 1 of 4 in cluster B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative:</td>
<td>CORTESE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility County Code:</td>
<td>49</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actual:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reg By:</td>
<td>LTNKA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reg Id:</td>
<td>1TSO030</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**LUST:**

| Region: | STATE |
| Global Id: | T0609700022 |
| Latitude: | 38.429220433 |
| Longitude: | -122.7341628 |
| Case Type: | LUST Cleanup Site |
| Status: | Open - Remediation |
| Status Date: | 2007-12-07 00:00:00 |
| Lead Agency: | NORTH COAST RWQCB (REGION 1) |
| Case Worker: | CHH |
| Local Agency: | SONOMA COUNTY LOP |
| RB Case Number: | 1TSO030 |
| LOC Case Number: | 000001932 |
| File Location: | Regional Board |
| Potential Media Affect: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Gasoline |
| Site History: | Former UST location identified as a source of contamination. |
SLAKEY BROTHERS (Continued)  S104164497

Groundwater impacted with petroleum hydrocarbons. Plume is stable and localized. In progress of implementing corrective action.

LUST REG 1:
Region: 1
Facility ID: 1TS0030
Staff Initials: WTE

C3  MCMINN AVENUE  CA BOND EXP. PLAN  S100833365
NW  ROSELAND AREA  N/A
1/4-1/2  SANTA ROSA, CA  95401
0.260 mi.  N/A
1370 ft.  Site 1 of 2 in cluster C
Relative: Higher
Actual: 131 ft.

Responsile Party: Not reported
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City, St, Zip: Not reported
Project Revenue Source Desc: Currently there are no identified responsible parties. Therefore, Bond funds will be used to investigate and remediate the site. If during the investigation RPs are identified, DHS will pursue appropriate cost recovery activities. This site is currently not on the NPL, nor does it appear to be a likely candidate for NPL listing in the near future. Therefore, it is unlikely that federal funds will become available for this site.

Site Description: Ground water contamination in privately-owned wells has been discovered. The area where investigation activities have been focused is designated as the Local Study Area and is defined as the are within a 2000-foot radius of the intersection of McMinn Avenue and Sebastopol Road. More than 50 potential sources of contamination have been indentified, although responsible parties have not yet been identified.

Hazardous Waste Desc: Initial sampling and analysis of water from private wells, conducted by the Sonoma County Public Health Department and Regional Water Quality Control Board, indicated ground water contaminated by fuels and associated compounds and solvents. Seven ofthirty eight private wells, which were sampled by DHS in the fall of 1986, were found to have concentrations of contaminants at or exceeding State drinking water action levels. Contaminants which were found to exceed State action levels include benzene, 1,2-dichloroethene (DCE), tetrachlorothrene (TCE) and vinyl chloride. Fuels have been found floating in monitoring wells, 1,2-dichloroethene (DCE), tetrachlorothrene (TCE) and vinyl chloride. Fuels have been found floating in monitoring wells.

Threat To Public Health & Env: The primary threat is from consumption of contaminated well water. Migration of ground water contaminants may result in the contamination of additional wells.

Site Activity Status: The preliminary site assessment and investigation (PSAI) has been completed and the final report was issued in July, 1987. Soil gas sampling was conducted in August, 1987. Implementation of the first Phase of the RI started June, 1988. The work to be completed in this Phase includes drilling, installation and sampling of ground water monitoring wells, drilling stratigraphic boreholes and aquifer testing. Data generated will be used to identify sources of contamination and potential RPs and to determine the direction of future work. The RWQCB has completed underground tank investigations at several locations in the study area.
<table>
<thead>
<tr>
<th>A4</th>
<th>QUICK STOP MARKET</th>
<th>HIST CORTESE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NNE</td>
<td>MCMINN AVENUE 816</td>
<td>LUST SLIC</td>
</tr>
<tr>
<td>1/4-1/2</td>
<td>SANTA ROSA, CA</td>
<td>S101304942</td>
</tr>
<tr>
<td>0.267 mi.</td>
<td>1410 ft.</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 2 of 2 in cluster A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Relative:**

- Higher
- Actual: 137 ft.

**Site History:**
- Petroleum - Automotive gasolines
- Potential Contaminants of Concern: Not reported
- Potential Media Affected: Regional Board

**File Location:** Not reported

**LOC Case Number:** 1TSR275

**Petroleum - Automotive gasolines:**
- Impacted. Off-site impacts. Located within the McMinn Superfund area.
- Currently operating an ozone sparge system.

**Regional Elevation:**
- Site Elevation: 1410 ft.

**Facility ID:** 1TSR275

**Staff Initials:** WTE

**Status:**
- Open - Remediation

**Site History:**
- Currently operating service station. Former USTs removed documenting petroleum hydrocarbon contamination. Multiple water bearing zones impacted. Off-site impacts. Located within the McMinn Superfund area.
- Currently operating an ozone sparge system.
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<thead>
<tr>
<th>Facility County:</th>
<th>SANTA ROSA, CA</th>
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<tbody>
<tr>
<td>11.4675 Tons:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Disposal Method:</td>
<td>Waste oil and mixed oil</td>
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<td>Waste Category:</td>
<td>1TSD</td>
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<td>County:</td>
<td>SANTA ROSA, CA 95407</td>
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<tr>
<td>Mailing City, St, Zip:</td>
<td>1450 SEBASTOPOL RD, SANTA ROSA, CA 95407</td>
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<tr>
<td>Mailing Name:</td>
<td>KESSON CO, INC</td>
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<tr>
<td>Telephone:</td>
<td>0000000000</td>
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<tr>
<td>Facility Addr2:</td>
<td>Not reported</td>
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<td>Mailing City, St, Zip:</td>
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<td>Gen County:</td>
<td>Sonoma</td>
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<td>TSD EPA ID:</td>
<td>CAD980887418</td>
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<td>Facility County:</td>
<td>Sonoma</td>
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**Site 2 of 2 in cluster C**

**C5 WITHERS CAR WASH**

**NW SEBASTOPOL ROAD 1450**

**SANTA ROSA, CA**

**0.268 mi.**

**1417 ft.**

**Relative:**

**Higher**

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO090

**Actual:**

132 ft.

**LUST:**

Region: STATE
Global Id: T0609700063
Latitude: 38.42761
Longitude: -122.735889
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1989-09-19 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO090
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

**LUST REG 1:**

Region: 1
Facility ID: 1TSO090
Staff Initials: Closed

**HAZNET:**

Gepaid: CAL000093522
Contact: KESSON CO, INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1450 SEBASTOPOL RD, SANTA ROSA, CA 95407 |
Mailing City, St, Zip: SANTA ROSA, CA 95407 |
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: 11.4675
Facility County: Sonoma
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<thead>
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<td>B6</td>
<td>1421 ft.</td>
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<td>Notify 65</td>
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</tbody>
</table>

WILSON BAUGH ENTERPRISES 805 SEbastopAL SANTA ROSA, CA  93582

Notify 65: 1TSO271

### Site 2 of 4 in cluster B

- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Incident Description: 93582

---

<table>
<thead>
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<td>D7</td>
<td>1425 ft.</td>
<td>CORTESE</td>
<td>136 ft.</td>
<td>CORTESE</td>
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TAYLOR BUS COMPANY SEbastopOL ROAD 1175 SANTA ROSA, CA

Notify 65: 1TSO271

### Site 1 of 2 in cluster D

- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Incident Description: 93582

### Site History:

- Former USTs/ASTs. Soil and groundwater impacted with gasoline, BTEX, and MTBE. Extent of contamination has been defined. Corrective action plan needs to be developed and implemented.
### B8 - C & L MOTORS

**Address:** 1380 SEBASTOPOL ROAD, SANTA ROSA, CA 95404

- **Distance:** 0.271 mi.
- **Elevation:** 1429 ft.
- **Cluster:** Site 3 of 4 in cluster B
- **Region:** LUST
- **Global ID:** T0609756962

**History:** Not reported

**Contaminants:** Under Investigation

**Media Affected:** Regional Board

**Site Owner:** B8 LUSTC & L MOTORS

**Funding:** Federal: 00001932

**Case Worker:** ZZZ

**Date Referred:** 6/1/1992

**Status:** Completed - Case Closed

**Case ID:** TSO0854

**Global ID:** T0609700022

### B9 - SLAKEY BROTHERS

**Address:** 1289 SEBASTOPOL RD, SANTA ROSA, CA

- **Distance:** 0.276 mi.
- **Elevation:** 1432 ft.
- **Cluster:** Site 4 of 4 in cluster B
- **Region:** SONOMA

**History:** Not reported

**Contaminants:** Not reported

**Media Affected:** Under Investigation

**Site Owner:** B9 LUSTSLAKEY BROTHERS

**Funding:** Federal: TSO0854

**Case Worker:** ZZZ

**Date Referred:** 6/1/1992

**Status:** Closed or Referred

**Case ID:** TSO0854

**Global ID:** T0609700022

### 10 - NEW ROSELAND AREA ELEMENTARY SCHOOL

**Address:** 1683 BURBANK AVENUE, SANTA ROSA, CA 95407

- **Distance:** 0.276 mi.
- **Elevation:** 1457 ft.

**History:** Not reported

**Contaminants:** Not reported

**Media Affected:** Under Investigation

**Site Owner:** SCH: NEW ROSELAND AREA ELEMENTARY SCHOOL

**Funding:** Federal: 00001932

**Case Worker:** ZZZ

**Date Referred:** 6/1/1992

**Status:** Closed or Referred

**Case ID:** TSO0854

**Global ID:** T0609700022

---

**Note:** The above information is a sample representation of the data extracted from the document.
NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

Supervisor: Mark Malinowski
Division Branch: Sacramento
Site Code: 204162
Assembly: 6
Senate: 2
Special Program Status: Not reported
Status: Active
Status Date: 8/25/2005 0:00
Restricted Use: NO
Funding: School District
Latitude: 38.42215419
Longitude: -122.7354375
APN: 125-321-001

Past Use: AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC: 31001, 30001, 30006, 30007, 30008, 30013, 30019, 30022, 30027
Confirmed COC: 30019, 30022-NO, 31001, 30027-NO, 30001-NO, 30006-NO, 30007-NO, 30008-NO, 30013

Potential Description: OTH, SED, SOIL, SV, UE
Alias Name: Roseland Elementary School
Alias Type: Alternate Name
Alias Name: 125-321-001
Alias Type: APN
Alias Name: 110033611731
Alias Type: EPA (FRS #)
Alias Name: 204162
Alias Type: Project Code (Site Code)
Alias Name: New Burbank Elementary School
Alias Type: Former Project ID
Alias Name: New Burbank Elementary School
Alias Type: Alternate Name
Alias Name: 70000113
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 2007-07-17 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 2008-04-07 00:00:00
Comments: DTSC approved the SSI report with a further action determination for lead around the perimeters of two buildings and PAHs in sediments in Roseland Creek, next to Burbank Avenue.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 2006-06-16 00:00:00
Comments: Approved the Workplan conditional on submital of a work notice.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 2007-06-29 00:00:00
| Completed Area Name: | PROJECT WIDE        |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | 4.15 Request        |
| Completed Date: | 2007-09-21 00:00:00 |
| Comments: | 4.15 Form and Partial Site Approval are uploaded under the "Partial Site Approval" activity. |

| Completed Area Name: | PROJECT WIDE        |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Community Profile |
| Completed Date: | 2008-08-29 00:00:00 |
| Comments: | PPS sent a PDF of the Final Community Profile. |

| Completed Area Name: | PROJECT WIDE        |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Environmental Oversight Agreement |
| Completed Date: | 2005-09-12 00:00:00 |
| Comments: | Not reported |

| Completed Area Name: | PROJECT WIDE        |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | School Cleanup Agreement |
| Completed Date: | 2007-09-05 00:00:00 |
| Comments: | Not reported |

| Completed Area Name: | PROJECT WIDE        |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Partial Site Approval |
| Completed Date: | 2007-09-21 00:00:00 |
| Comments: | DTSC issued a partial site approval and approved CDE Form SFPD 4.15. |

| Completed Area Name: | PROJECT WIDE        |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | CEQA - Notice of Exemption |

Comments: DTSC approved the SSI Workplan. Project manager gave verbal permission to District to implement SSI Workplan on 6/21/07.
NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued)

Completed Date: 2009-03-09 00:00:00
Comments: NOE for RAW approved.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 2008-08-01 00:00:00
Schedule Revised Date: Not reported

ENVIROSTOR:
Site Type: School Cleanup
Site Type Detailed: School
Acres: 11.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: NEAL HUTCHISON
Supervisor: Mark Malinowski
Division Branch: Sacramento
Facility ID: 70000113
Site Code: 204162
Assembly: 6
Senate: 2
Special Program: Not reported
Status: Active
Status Date: 8/25/2005 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 38.42215419
Longitude: -122.7354375
APN: 125-321-001
Past Use: AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC: 31001, 30001, 30006, 30007, 30008, 30013, 30019, 30022, 30027
Confirmed COC: 30019, 30022-NO, 31001, 30027-NO, 30001-NO, 30006-NO, 30013-NO, 30007-NO, 30008-NO, 30013
Potential Description: OTH, SED, SOIL, SV, UE
Alias Name: Roseland Elementary School
Alias Type: Alternate Name
Alias Name: 125-321-001
Alias Type: APN
Alias Name: 110033611731
Alias Type: EPA (FRS #)
Alias Name: 204162
Alias Type: Project Code (Site Code)
Alias Name: New Burbank Elementary School
Alias Type: Former Project ID
Alias Name: New Burbank Elementary School
Alias Type: Alternate Name
Alias Name: 70000113
Alias Type: Envirostor ID Number

Completed Info:
NEW ROSELAND AREA ELEMENTARY SCHOOL  (Continued)

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Preliminary Endangerment Assessment Report
Completed Date:  2007-07-17 00:00:00
Comments:  Not reported

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Supplemental Site Investigation Report
Completed Date:  2008-04-07 00:00:00
Comments:  DTSC approved the SSI report with a further action determination for lead around the perimeters of two buildings and PAHs in sediments in Roseland Creek, next to Burbank Avenue.

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Preliminary Endangerment Assessment Workplan
Completed Date:  2006-06-16 00:00:00
Comments:  Approved the Workplan conditional on submilt of a work notice.

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Supplemental Site Investigation Workplan
Completed Date:  2008-06-29 00:00:00
Comments:  DTSC approved the SSI Workplan. Project manager gave verbal permission to District to implement SSI Workplan on 6/21/07.

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Removal Action Workplan
Completed Date:  2009-03-09 00:00:00
Comments:  RAW approved for implementation.

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  4.15 Request
Completed Date:  2007-09-21 00:00:00
Comments:  4.15 Form and Partial Site Approval are uploaded under the “Partial Site Approval” activity.

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Fact Sheets
Completed Date:  2008-10-31 00:00:00
Comments:  The DTSC public participation specialist sent the project manager a copy of the formatted Fact Sheet (minus the dates) for the Removal Action Workplan.

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Community Profile
Completed Date:  2008-08-29 00:00:00
Comments:  PPS sent a PDF of the Final Community Profile.

Completed Area Name:  PROJECT WIDE
Completed Sub Area Name:  Not reported
Completed Document Type:  Public Notice
NEW ROSELAND AREA ELEMENTARY SCHOOL  (Continued)

Completed Date: 2008-10-27 00:00:00
Comments: Final Public Notice completed and uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 2005-09-12 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 2007-09-05 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Partial Site Approval
Completed Date: 2007-09-21 00:00:00
Comments: DTSC issued a partial site approval and approved CDE Form SFPD 4.15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 2009-03-09 00:00:00
Comments: NOE for RAW approved.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 2008-08-01 00:00:00
Schedule Revised Date: Not reported

D11 ROSELAND PAINT CENTER LUST S101627376
North 1160 SEBASTOPOL ROAD CA FID UST N/A
1/4-1/2  SANTA ROSA, CA  95407 SLIC SWEEPS UST
0.285 mi. Site 2 of 2 in cluster D
1507 ft. LUST:
Relative: STATE
Higher Global Id: T0609793188
Actual: 38.4287458
136 ft. Longitude: -122.7331192
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2005-09-27 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO272
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Soil
### ROSELAND PAINT CENTER (Continued)

**EPA ID Number**: S101627376

- **Potential Contaminants of Concern**: Stoddard solvent / Mineral Sprits / Distillates
- **Site History**: Not reported

**CA FID UST**:
- Facility ID: 49001475
- Regulated By: UTNKA
- Regulated ID: 00023744
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 7075427124
- Mail To: Not reported
- Mailing Address: 1160 SEBASTOPOL RD
- Mailing Address 2: Not reported
- Mailing City, St, Zip: SANTA ROSA 95407
- Contact: Not reported
- Contact Phone: Not reported
- DUNs Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active

**SLIC**:
- Region: 1
- Facility ID: 1NSO272
- Staff Initials: WTE

**SWEEPS UST**:
- Status: A
- Comp Number: 23744
- Number: 9
- Board Of Equalization: Not reported
- Ref Date: 07-01-85
- Act Date: Not reported
- Created Date: 02-29-88
- Tank Status: A
- Owner Tank Id: #1
- Swrcb Tank Id: 49-060-023744-000001
- Actv Date: 07-01-85
- Capacity: 500
- Tank Use: UNKNOWN
- Sig: P
- Content: Not reported
- Number Of Tanks: 1

---

**E12**

**TRIPLE S TIRES**

**SEBASTOPOL ROAD 1124**

**SANTA ROSA, CA**

- **Site**: Site 1 of 2 in cluster E
- **Region**: CORTESE
- **Facility County Code**: 49
- **Reg By**: WBC&D
- **Reg Id**: 1B1SO539NUG

---

**HIST CORTESE LUST HAZNET**

**S101309844**

**N/A**

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TC2839355.2s Page 21
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</tr>
<tr>
<td>Mailing Name</td>
<td>Not reported</td>
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<tr>
<td>Mailing Address</td>
<td>1124 SEBASTOPOL</td>
</tr>
<tr>
<td>Mailing City,St,Zip</td>
<td>SANTA ROSA, CA 954070000</td>
</tr>
<tr>
<td>Gen County</td>
<td>Sonoma</td>
</tr>
<tr>
<td>TSD EPA ID</td>
<td>CA00000084517</td>
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<tr>
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</tr>
<tr>
<td>Waste Category</td>
<td>Aqueous solution with less than 10% total organic residues</td>
</tr>
<tr>
<td>Disposal Method</td>
<td>Transfer Station</td>
</tr>
<tr>
<td>Tons</td>
<td>0.2</td>
</tr>
<tr>
<td>Facility County</td>
<td>Sonoma</td>
</tr>
</tbody>
</table>

Former service station. Petroleum hydrocarbons impacting soil and groundwater. Extent of off-site contamination needs to be defined, but is stalled pending access agreements with neighboring property owner. Located within the McMinn Superfund area.
### TRIPLE S TIRES (Continued)

<table>
<thead>
<tr>
<th>TSD County</th>
<th>Sacramento</th>
<th>S101309844</th>
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<tr>
<td>Waste Category</td>
<td>Aqueous solution with less than 10% total organic residues</td>
<td></td>
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<tr>
<td>Disposal Method</td>
<td>Transfer Station</td>
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<tr>
<td>Tons</td>
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<tr>
<td>Gepaid</td>
<td>CAL000017359</td>
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</tr>
<tr>
<td>Contact</td>
<td>JAVIER CEJA/PARTNER</td>
<td></td>
</tr>
<tr>
<td>Telephone</td>
<td>7075459567</td>
<td></td>
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<tr>
<td>Mailing Address</td>
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<tr>
<td>Mailing City,St,Zip</td>
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<td>TSD County</td>
<td>Santa Clara</td>
<td></td>
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<td>Waste Category</td>
<td>Unspecified oil-containing waste</td>
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<tr>
<td>Tons</td>
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<td>Sonoma</td>
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### WEST AVENUE MERCURY

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<th>CERCLIS 1012210104</th>
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<td>ESE</td>
<td>CAN0000908799</td>
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<tr>
<td>1/4-1/2</td>
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</tr>
<tr>
<td>0.296 mi.</td>
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<tr>
<td>1562 ft.</td>
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#### Relative: Higher

- **Relative:** CERCLIS Site ID: 0908799
- **Federal Facility:** Not a Federal Facility
- **NPL Status:** Not on the NPL
- **Non NPL Status:** Removal Only Site (No Site Assessment Work Needed)

#### Actual:

- **Relative:** 134 ft.

- **Actual:** 134 ft.

#### CERCLIS Site Contact Name(s):

- **Contact Name:** Steven Calanog
- **Contact Tel:** (415) 972-3075
- **Contact Title:** On-Scene Coordinator (OSC)

#### Site Description:

- **Site Description:** Not reported

#### CERCLIS Assessment History:

- **Action:** REMOVAL
- **Date Started:** 01/13/10
- **Date Completed:** Not reported
- **Priority Level:** Not reported
F14 NW 1/4-1/2 0.302 mi. 1594 ft. Site 1 of 3 in cluster F

Relative: Higher
Actual: 131 ft.

CA WDS:
Facility ID: 1 49I000306
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
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: 1
Facility Telephone: Not reported
Facility Contact: BOB WESCOTT
Agency Name: WESCOTTS BOB
Agency Address: 3664 FIR RIDGE DR
Agency City,St,Zip: SANTA ROSA 95403
Agency Contact: BOB WESCOTT
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 3714
SIC Code 2: Not reported
Primary Waste: Stormwater Runoff
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
 POTW: The facility is not a POTW.
 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.

NPDES:
Npdes Number: Not reported
Facility Status: Active
Agency Id: 50429
Region: 1
Regulatory Measure Id: 178788
Order No: 97-03-DWQ
Regulatory Measure Type: Storm water industrial
Place Id: 272019
WDID: 1 49I000306
Program Type: INDSTW
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 1992-03-06 00:00:00
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Wescotts, Bob
Discharge Address: 1569 Sebastopol Rd
Discharge City: Santa Rosa
Discharge State: CA
Discharge Zip: 95407

HAZNET:
Gepaid: CAL000016435
Contact: BOB WESCOTT (PRESIDENT)
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 3961
Facility County: Sonoma

Gepaid: CAL000016435
Contact: BOB WESCOTT (PRESIDENT)
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 4587
Facility County: Sonoma

Gepaid: CAL000016435
Contact: BOB WESCOTT (PRESIDENT)
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: 4170
Facility County: Sonoma
WESCOTTS AUTO & TRUCK PARTS INC (Continued)

Gepaid: CAL000016435
Contact: BOB WESCOTT (PRESIDENT)
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: .4587
Facility County: Sonoma

Gepaid: CAL000016435
Contact: BOB WESCOTT (PRESIDENT)
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1569 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Transfer Station
Tons: .6171
Facility County: Sonoma

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

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49500010
Site Code: Not reported
Assembly: 7
Senate: 2
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 9/27/1993 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.42910188
Longitude: -122.7370952
APN: 125-081-032
Past Use: NONE SPECIFIED

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WESCOTTS AUTO & TRUCK PARTS INC (Continued)

Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49500010
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Comments: SITE SCREENING DONE SIC CODE

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-04-06 00:00:00
Comments: FACILITY IDENTIFIED PHONE DIR 1987

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

F15 WESCOTT'S BOB AUTO & TRUCK PRT
NW 1569 SEBASTOPOL ROAD
1/4-1/2 SANTA ROSA, CA 95407
0.302 mi.
1504 ft. Site 2 of 3 in cluster F

Relative: Higher
Actual: 131 ft.

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: Not reported
Global Id: T0609793338
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.42784799999997
Longitude: -122.736929
Case Type: Cleanup Program Site
Case Worker: CHH
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR285
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Not reported
Site History: Not reported

SLIC:
Region: 1
Facility ID: 1NSR285
Staff Initials: SKB
### Site 2 of 2 in cluster E

**SLIC:**
- **Region:** STATE
- **Facility Status:** Completed - Case Closed
- **Status Date:** Not reported
- **Global Id:** T0609793273
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Lead Agency Case Number:** Not reported
- **Latitude:** 38.429369999999999
- **Longitude:** -122.73220499999999
- **Case Type:** Cleanup Program Site
- **Case Worker:** ZZZ
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1NSO516
- **File Location:** Regional Board
- ** Potential Media Affected:** Soil
- **Potential Contaminants of Concern:** Gasoline
- **Site History:** Not reported

**SLIC:**
- **Region:** 1
- **Facility ID:** 1NSO516
- **Staff Initials:** Facility Closed

### Site 1 of 2 in cluster G

**CORTESE:**
- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** LTNKA
- **Reg Id:** 1TSO276

**CORTESE:**
- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** WBC&D
- **Reg Id:** 1B1SO276NUG

**LUST:**
- **Region:** STATE
- **Global Id:** T0609700206
- **Latitude:** 38.4299251304094
- **Longitude:** -122.731651067734
- **Case Type:** LUST Cleanup Site
- **Status:** Open - Verification Monitoring
- **Status Date:** 2008-03-30 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** JAT
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO276
- **LOC Case Number:** Not reported
BEVAN INVESTMENT (Continued) S104163179

File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: In June 1990, petroleum releases at the site were documented by soil sample collected during the removal of one gasoline and one diesel underground storage tanks. In November 1990, approximately 875 cubic yards of petroleum-impacted soil were excavated and removed from the site. The UST investigation is being managed under case # 1TSO276.

LUST REG 1:
Region: 1
Facility ID: 1TSO276
Staff Initials: WTE

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: Not reported
Global Id: SL0002014300
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.449394261190903
Longitude: -122.69394261190903
Case Type: Cleanup Program Site
Case Worker: JAT
Local Agency: Not reported
RB Case Number: 1NSR276
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: * Petroleum - Automotive gasolines
Site History: In June 1990, petroleum releases at the site were documented by soil sample collected during the removal of one gasoline and one diesel underground storage tanks. In November 1990, approximately 875 cubic yards of petroleum-impacted soil were excavated a

F18 FRONTIER ELECTRIC LUST S104163215
NW HAMPTON WAY 1599 N/A
1/4-1/2 SANTA ROSA, CA
0.318 mi. N/A
1681 ft. 1681 ft.
Site 3 of 3 in cluster F

Relative: Higher
Actual: 131 ft.
<table>
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<tr>
<th>Site ID</th>
<th>Site Name</th>
<th>Facility County</th>
<th>Facility County Code</th>
<th>Facility Address</th>
<th>Gen County</th>
<th>TSD County</th>
<th>Waste Category</th>
<th>Disposal Method</th>
<th>Facility Status</th>
<th>Site History</th>
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<tbody>
<tr>
<td>G19</td>
<td>GARDENER'S AID</td>
<td>SANTA ROSA, CA</td>
<td>95407</td>
<td>1050 SEBASTOPOL ROAD</td>
<td>Sonoma</td>
<td>Sonoma</td>
<td>Soil</td>
<td>Aqueous solution with less than 10% total organic residues</td>
<td>Completed - Case Closed</td>
<td>Gasoline, Not reported</td>
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<td>Site 2 of 2 in cluster G</td>
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<th>TSD County</th>
<th>Waste Category</th>
<th>Disposal Method</th>
<th>Facility Status</th>
<th>Site History</th>
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<tr>
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<td>LUST: N/A</td>
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LUST:

HIST CORTESE:

20 WOOD, TALMIDGE
NW HAMPTON WAY 1594
1/1-1/2
0.322 mi.
1700 ft.
Relative: Higher
Actual: 130 ft.

CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO110

LUST:

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WOOD, TALMADGE (Continued)

Region: STATE
Global Id: T0609700080
Latitude: 38.4296239
Longitude: -122.738514
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-09-20 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO110
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 1:
Region: 1
Facility ID: 1TSO110
Staff Initials: Closed

H21
West
1834 ROSE AVENUE
SANTA ROSA, CA 93582
1/4-1/2
0.326 mi.
1722 ft.
Site 1 of 2 in cluster H

Relative: Notify 65
Lower
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

H22
West
1834 ROSE AVENUE
SANTA ROSA, CA 93582
1/4-1/2
0.326 mi.
1722 ft.
Site 2 of 2 in cluster H

Relative: Notify 65
Lower
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582
I23  OPTICAL COATING LABORATORY INC  SLIC  S105051108
NNE  977 SEBASTOPOL ROAD  N/A
1/4-1/2  SANTA ROSA, CA 95407
0.348 mi.  N/A
1837 ft.  Site 1 of 5 in cluster I

Relative:  Higher
Actual:  139 ft.

Facility Status:  Completed - Case Closed

Region:  STATE
Status Date:  Not reported
Global Id:  T0609793282
Lead Agency:  NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:  Not reported
Latitude:  38.429268
Longitude:  -122.730928
Case Type:  Cleanup Program Site
Case Worker:  ZZZ
Local Agency:  SANTA ROSA, CITY OF
RB Case Number:  1NSR225
File Location:  Regional Board
Potential Media Affected:  Soil
Potential Contaminants of Concern:  Diesel
Site History:  Not reported

SLIC:
Region:  1
Facility ID:  1NSR225
Staff Initials:  Facility Closed

I24  OPTICAL CODING LABORATORIES, INC.  CERC-NFRAP  1003879822
NNE  970 SEBASTOPOL RD.  CAD983654385
1/4-1/2  SANTA ROSA, CA 95407
0.348 mi.  N/A
1837 ft.  Site 2 of 5 in cluster I

Relative:  Higher
Actual:  139 ft.

Site ID:  0904748
Federal Facility:  Not a Federal Facility
NPL Status:  Not on the NPL
Non NPL Status:  NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Title:  Not reported
Contact Name:  Carl Brickner
Contact Tel:  (415) 972-3814

Contact Title:  Not reported
Contact Name:  Brunilda Davila
Contact Tel:  (415) 972-3162

Contact Title:  Not reported
Contact Name:  Jeff Inglis
Contact Tel:  (415) 972-3095

Contact Title:  Not reported
Contact Name:  Karen Jurist
Contact Tel:  (415) 972-3219

Contact Title:  Not reported
### OPTICAL CODING LABORATORIES, INC. (Continued)

| Contact Name: | Matt Mitguard |
| Contact Tel: | (415) 972-3096 |

#### CERCLIS-NFRAP Assessment History:
- **Action:** DISCOVERY  
  - **Date Started:** Not reported  
  - **Date Completed:** 12/11/1992  
  - **Priority Level:** Not reported

- **Action:** ARCHIVE SITE  
  - **Date Started:** Not reported  
  - **Date Completed:** 09/28/1994  
  - **Priority Level:** Not reported

- **Action:** PRELIMINARY ASSESSMENT  
  - **Date Started:** Not reported  
  - **Date Completed:** 09/28/1994  
  - **Priority Level:** NFRAP: No further Remedial Action planned

- **Action:** SITE INSPECTION  
  - **Date Started:** Not reported  
  - **Date Completed:** 09/28/1994  
  - **Priority Level:** NFRAP: No further Remedial Action planned

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<th>J25</th>
<th>LAIDLAW TRANSPORTATION</th>
<th>LUST</th>
<th>S101304991</th>
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<td>SANTA ROSA, CA</td>
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</tr>
<tr>
<td></td>
<td>1/4-1/2</td>
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<td></td>
<td>0.349 mi.</td>
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<td>1842 ft.</td>
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<td>Site 1 of 5 in cluster J</td>
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<td>Facility ID:</td>
<td>1TSO151</td>
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<td>Actual:</td>
<td>Staff Initials:</td>
<td>Closed</td>
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<tr>
<td>139 ft.</td>
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<td>SANTA ROSA, CA 95401</td>
<td>CORTESE</td>
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- **Discharge Name:** Laidlaws Education Services
- **Discharge Address:** 4601 Ne 77th Ave Ste 150
- **Discharge City:** Vancouver
- **Discharge State:** WA
- **Discharge Zip:** 98662

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| Tank Status: | Not reported |
LAIDLAW TRANSIT INC  (Continued)  

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Ref Date: 09-15-93  
Act Date: 04-27-94  
Created Date: 03-31-89  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 49-000-001459-000003  
Actv Date: 10-03-89  
Capacity: 550  
Tank Use: OIL  
Stg: W  
Content: WASTE OIL  
Number Of Tanks: 2

Status: A  
Comp Number: 1459  
Number: 1  
Board Of Equalization: 44-010187  
Ref Date: 09-15-93  
Act Date: 04-27-94  
Created Date: 03-31-89  
Tank Status: A  
Owner Tank Id: TKHQ44010187  
Swrcb Tank Id: 49-000-001459-000011  
Actv Date: 09-15-93  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

HAZNET:  
Gepaid: CAD982354508  
Contact: LAIDLAW INC  
Telephone: 9053361800  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 201 N CIVIC DR STE 150  
Mailing City,St,Zip: WALNUT CREEK, CA 945960000  
Gen County: Sonoma  
TSD EPA ID: CAD980887418  
TSD County: 1  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: .2085
### LAIDLAW TRANSIT INC (Continued)

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| Gepaid:                   | CAD982354508         |
| Contact:                  | LAIDLAW INC          |
| Telephone:                | 9053361800           |
| Facility Addr2:           | Not reported         |
| Mailing Name:             | Not reported         |
| Mailing Address:          | Not reported         |
| Mailing City,St,Zip:      | Not reported         |
| Gen County:               | Sonoma               |
| TSD EPA ID:               | CAT000613943         |
| TSD County:               | Sonoma               |
| Waste Category:           | Hydrocarbon solvents (benzene, hexane, Stoddard, etc.) |
| Disposal Method:          | Transfer Station     |
| Tons:                     | .3876                |
| Facility County:          | Sonoma               |

| Facility County:          | Sonoma               |
| Gepaid:                   | CAD982354508         |
| Contact:                  | LAIDLAW INC          |
| Telephone:                | 9053361800           |
| Facility Addr2:           | Not reported         |
| Mailing Name:             | Not reported         |
| Mailing Address:          | Not reported         |
| Mailing City,St,Zip:      | Not reported         |
| Gen County:               | Sonoma               |
| TSD EPA ID:               | CAD009452657         |
| TSD County:               | San Mateo            |
| Waste Category:           | Unspecified organic liquid mixture |
| Disposal Method:          | Recycler             |
| Tons:                     | .4378                |
| Facility County:          | Sonoma               |

| Facility County:          | Sonoma               |
| Gepaid:                   | CAL000017024         |
| Contact:                  | LAIDLAW TRANSIT      |
| Telephone:                | 000000000000         |
| Facility Addr2:           | Not reported         |
| Mailing Name:             | Not reported         |
| Mailing Address:          | 959 SEBASTOPOL ROAD   |
| Mailing City,St,Zip:      | SANTA ROSA, CA 954010000 |
| Gen County:               | Los Angeles          |
| TSD EPA ID:               | CAD980887418         |
| TSD County:               | 1                    |
LAIDLAW TRANSIT INC (Continued)  1000189940

Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .3544
Facility County: Los Angeles

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

K27  CHANG, KEVIN
NW 1580 HAMPTON
1/4-1/2 SANTA ROSA, CA  95407
0.354 mi.  Site 1 of 3 in cluster K
1868 ft.  Relative: CORTESE:

Higher
Facility County Code: 49
Actual: Reg By: LTNKA
131 ft. Reg Id: 1TSO166

LUST: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1994-11-24 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SONOMA COUNTY LOP
RB Case Number: 1TSO166
LOC Case Number: 00002641
File Location: Not reported
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

SONOMA CO. LUST:
Region: SONOMA
Regional Board: 1TSO166
Closed or Referred: Referred
Date: 7/1/1992
LOP Number: 00002641
Funding Fed / State: Federal
Staff: Not reported
Global ID: T0609700130

CA FID UST:
Facility ID: 49000452
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
CHANG, KEVIN (Continued)

Mailing Address: 8141 REDWOOD BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 2641
Number: 9
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: 10-06-89
Created Date: 03-31-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 49-000-002641-000001
Actv Date: 10-06-89
Capacity: 1
Tank Use: UNKNOWN
Stg: P
Content: UNKNOWN
Number Of Tanks: 1

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: Not reported
Contact Name: Steven Arbaugh
Contact Tel: Not reported

Contact Title: Not reported
Contact Name: Carl Brickner
Contact Tel: (415) 972-3814

Contact Title: Not reported
Contact Name: Brunilda Davila
Contact Tel: (415) 972-3162

Contact Title: Not reported
Contact Name: Jim Hanson
Contact Tel: Not reported

I28 \nROSELAND SCHOOL WELLS \nNNE \n1/4-1/2 \n0.355 mi. \n1876 ft. \nSite 4 of 5 in cluster I

CERC-NFRAP: 1003879826
CERC-NFRA: 0904756
Federal Facility: Not a Federal Facility
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SANTA ROSA, CA 95407

CERC-NFRAP:
Site ID: 0904756
Federal Facility: Not a Federal Facility
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)
### ROSELAND SCHOOL WELLS (Continued)

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<tr>
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<tr>
<td>Contact Name</td>
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<td>Contact Name</td>
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**CERCLIS-NFRAP Assessment History:**

- **Action:** AM
  - Date Started: Not reported
  - Date Completed: 11/16/1992
  - Priority Level: Not reported

- **Action:** REMOVAL
  - Date Started: 01/15/1993
  - Date Completed: 01/18/1993
  - Priority Level: Stabilized

- **Action:** ADMINISTRATIVE RECORDS
  - Date Started: 03/10/1993
  - Date Completed: 03/10/1993
  - Priority Level: Admin Record Compiled for a Removal Event

- **Action:** OR
  - Date Started: Not reported
  - Date Completed: 08/01/1993
  - Priority Level: Not reported

- **Action:** DD
  - Date Started: Not reported
  - Date Completed: 08/13/1993
  - Priority Level: Not reported

- **Action:** ARCHIVE SITE
  - Date Started: Not reported
  - Date Completed: 01/23/1996
  - Priority Level: Not reported

---

**I29 COAST AUTO WRECKING**

- ENVIROSTOR: S101482588
- 1/4-1/2 NNE
- 949 SEBASTOPOL RD
- SANTA ROSA, CA 95401
- 0.356 mi.
- 1878 ft.
- Site 5 of 5 in cluster I
- Relative: Higher
- Site Type: Historical
- Site Type Detailed: * Historical
- Actual: 139 ft.
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- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Site Screening
- **Completed Date:** 1988-04-21 00:00:00
- **Comments:** SITE SCREENING DONE POSS ONSITE CONTAM

#### Future Info:

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- **Future Sub Area Name:** Not reported
- **Future Document Type:** Not reported
- **Future Due Date:** Not reported
- **Schedule Area Name:** Not reported
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ALMETCO, INC. (Continued)

EMI:
- Year: 1990
- County Code: 49
- Air Basin: SF
- Facility ID: 3965
- Air District Name: BA
- SIC Code: 3442
- 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: 2
- Reactive Organic Gases Tons/Yr: 2
- Carbon Monoxide Emissions Tons/Yr: 0
- NOX - Oxides of Nitrogen Tons/Yr: 0
- SOX - Oxides of Sulphur Tons/Yr: 0
- Particulate Matter Tons/Yr: 0
- Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

L31  ALMETCO  CERCLIS  1000707592
WNW  1733 SEBASTOPOL ROAD  FINDS  CAD983644956
1/4-1/2  SANTA ROSA, CA  95407  LUST
0.357 mi.  Site 2 of 3 in cluster L
1886 ft.

Relative:  Higher
Actual:  129 ft.

CERCLIS:
- Site ID: 0904536
- Federal Facility: Not a Federal Facility
- NPL Status: Not on the NPL
- Non NPL Status: HRS Start Needed

CERCLIS Site Contact Name(s):
- Contact Name: Karen Jurist
  Contact Tel: (415) 972-3219
  Contact Title: Site Assessment Manager (SAM)
- Contact Name: Jeff Inglis
  Contact Tel: (415) 972-3095
  Contact Title: Site Assessment Manager (SAM)
- Contact Name: Carl Brickner
  Contact Tel: (415) 972-3814
  Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS Assessment History:
- Action: DISCOVERY
  Date Started: Not reported
  Date Completed: 06/22/92
  Priority Level: Not reported
- Action: PRELIMINARY ASSESSMENT
  Date Started: Not reported
  Date Completed: 09/29/94
  Priority Level: Higher priority for further assessment
- Action: SITE INSPECTION
ALMETCO (Continued)

Date Started: 09/01/94
Date Completed: 09/27/95
Priority Level: Low priority for further assessment

FINDS:

Registry ID: 110009268595

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

LUST REG 1:
Region: 1
Facility ID: 1TSO463
Staff Initials: SKB

L32  VACANT (FORMALY AALMETCO)
WNW 1733 SEBASTOPOL RD
1/4-1/2 SANTA ROSA, CA 95407
0.357 mi.
1886 ft.
Site 3 of 3 in cluster L
Relative: Higher

SWEEPS UST:
Status: Not reported
Comp Number: 2012
Number: Not reported
Board Of Equalization: 44-035086
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 49-000-002012-000001
Actv Date: Not reported
Capacity: 1000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

SWEEPS UST 1000727888
ENVIROSTOR N/A

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
VACANT (FORMALLY AALMETCO) (Continued)

Division Branch: Berkeley
Facility ID: 49330001
Site Code: Not reported
Assembly: 7
Senate: 2
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 9/27/1993 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.42874282
Longitude: -122.7389145
APN: 125-082-025
Past Use: NONE SPECIFIED
Potential COC: 30153
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 125-082-025
Alias Type: APN
Alias Name: 49330001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00
Comments: SITE SCREENING DONE POSS ONSITE CONTAM

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

K33  FRONTIER ELECTRIC       HIST CORTESE  U001609537
NW  1599 HAMPTON WAY       LUST       N/A
1/4-1/2  SANTA ROSA, CA  95407
0.360 mi. SWEEPS UST
1901 ft. SWEEPS UST
Site 2 of 3 in cluster K
HIST CORTESE
HAZNET

Relative: CORTESE
Higher: CORTESE
Region: CORTESE
Facility County Code: 49
Actual: Reg By: LTNKA
132 ft. Reg Id: 1TSO0082
FRONTIER ELECTRIC (Continued) U001609537

LUST:
Region: STATE
Global Id: T0609700055
Latitude: 38.4297493
Longitude: -122.7379609
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2007-02-20 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1TSO082
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

HIST UST:
Region: STATE
Facility ID: 00000065501
Facility Type: Other
Other Type: ELECTRIC
Total Tanks: 0002
Contact Name: LARRY LEEPIN
Telephone: 7075461553
Owner Name: MEL JOHNSON
Owner Address: 1599 HAMPTON WAY
Owner City,St,Zip: SANTA ROSA, CA 95407

Tank Num: 001
Container Num: #1
Year Installed: 1970
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 10 gauge
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 10 gauge
Leak Detection: Visual, Stock Inventor

SWEEPS UST:
Status: A
Comp Number: 65501
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
FRONTIER ELECTRIC (Continued)  U001609537

Tank Status: A
Owner Tank Id: #1
Swrcb Tank Id: 49-060-065501-000001
Actv Date: 07-01-85
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: 2

Status: A
Comp Number: 65501
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 49-060-065501-000002
Actv Date: 07-01-85
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

HAZNET:
Gepaid: CAL000162236
Contact: PAT SAMSON-OWNER
Telephone: 7075221880
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 7748
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Transfer Station
Tons: 0.04
Facility County: Not reported

Gepaid: CAL000162236
Contact: PAT SAMSON-OWNER
Telephone: 7075221880
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 7748
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: H14
Tons: 0.14
Facility County: Sonoma
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TC2839355.2s Page 48
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<th>LUST SLIC</th>
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<td>0.366 mi. 1934 ft.</td>
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### CORTESE:
- **Region:** CORTESE
- **Facility County Code:** 49
- **Reg By:** WBC&D
- **Reg Id:** 1B1SO254NUG

### LUST:
- **Region:** STATE
- **Global Id:** T0609700191
- **Latitude:** 38.429593248
- **Longitude:** -122.7287026
- **Case Type:** LUST Cleanup Site
- **Status:** Open - Site Assessment
- **Status Date:** 2009-06-02 00:00:00
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Case Worker:** JEF
- **Local Agency:** SONOMA COUNTY
- **RB Case Number:** 1TSO254
- **LOC Case Number:** Not reported
- **File Location:** Regional Board
- **Potential Media Affect:** Well used for drinking water supply
- **Potential Contaminants of Concern:** Diesel
- **Site History:** One of three sites in a formal commingled plume account. See Sebastopol Road Commingled Plume Group.

### LUST REG 1:
- **Region:** 1
- **Facility ID:** 1TSO254
- **Staff Initials:** WTE

### SLIC:
- **Region:** STATE
- **Facility Status:** Open - Site Assessment
- **Status Date:** Not reported
- **Global Id:** SL609792528
- **Lead Agency:** NORTH COAST RWQCB (REGION 1)
- **Lead Agency Case Number:** Not reported
- **Latitude:** 38.449394261190903
- **Longitude:** -122.699255886906
- **Case Type:** Cleanup Program Site
- **Case Worker:** JEF
- **Local Agency:** Not reported
- **RB Case Number:** 1NSO254
- **File Location:** Regional Board
- **Potential Media Affected:** Not reported
- **Potential Contaminants of Concern:** * Petroleum - Automotive gasolines
- **Site History:** See Sebastopol Road Commingled Plume Group.
BP / REDWOOD OIL #110 (Continued)

EMI:

| 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 & Smmlr Tons/Yr |
|--------|-------------|-----------|-------------|-------------------|----------|-------------------|-------------------------------------------|---------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------|----------------------------------------|
| 2002   | 49          | SF        | 12613       | BA                | 4953     | BAY AREA AQMD     | Not reported                              | Not reported                          | 0                               | 0                               | 0                               | 0                               | 0                | 0                                       |
| 2003   | 49          | SF        | 12613       | BA                | 4953     | BAY AREA AQMD     | Not reported                              | Not reported                          | 0                               | 0                               | 0                               | 0                               | 0                | 0                                       |
| 2004   | 49          | SF        | 12613       | BA                | 4953     | BAY AREA AQMD     | Not reported                              | Not reported                          | 0                               | 0                               | 0                               | 0                               | 0                | 0                                       |
| 2005   | 49          | SF        | 12613       | BA                | 4953     | BAY AREA AQMD     | Not reported                              | Not reported                          | 0                               | 0                               | 0                               | 0                               | 0                | 0                                       |
### BP / REDWOOD OIL #110 (Continued)

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<td>SOX - Oxides of Sulphur Tons/Yr:</td>
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<td>Particulate Matter Tons/Yr:</td>
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ULTRAMAR INC 3489 (Continued) S103676290

Region: CORTES E
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO269NUG

LUST:
Region: STATE
Global Id: T0609700201
Latitude: 38.429863983
Longitude: -122.7300906
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 2009-06-02 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: JEF
Local Agency: SONOMA COUNTY
RB Case Number: 1T5SO269
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affected: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: One of three sites in a formal commingled plume account. See Sebastopol Road Commingled Plume Group.

SLIC:
Region: STATE
Facility Status: Open - Remediation
Status Date: Not reported
Global Id: SL0002012200
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4493942611909
Longitude: -122.699255886906
Case Type: Cleanup Program Site
Case Worker: JEF
Local Agency: Not reported
RB Case Number: 1T5SO269
File Location: Regional Board
Potential Media Affected: Not reported
Site History: See Sebastopol Road Commingled Plume Group.

HAZNET:
Gepaid: CAL000100045
Contact: ULTRAMAR INC
Telephone: 2095820241
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 525 W 3RD ST
Mailing City,St,Zip: HANFORD, CA 932305016
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
ULTRAMAR INC 3489 (Continued)  
Tons:  .2502  
Facility County:  Santa Clara  

Gepaid:  CAL0001000045  
Contact:  ULTRAMAR INC  
Telephone:  2095820241  
Facility Addr2:  Not reported  
Mailing Name:  Not reported  
Mailing Address:  525 W 3RD ST  
Mailing City,St,Zip:  HANFORD, CA 932305016  
Gen County:  Santa Clara  
TSD EPA ID:  CAT080013352  
TSD County:  Los Angeles  
Waste Category:  Waste oil and mixed oil  
Disposal Method:  Not reported  
Tons:  .3669  
Facility County:  Santa Clara  

Gepaid:  CAL0001000045  
Contact:  ULTRAMAR INC  
Telephone:  2095820241  
Facility Addr2:  Not reported  
Mailing Name:  Not reported  
Mailing Address:  525 W 3RD ST  
Mailing City,St,Zip:  HANFORD, CA 932305016  
Gen County:  Santa Clara  
TSD EPA ID:  CAT080013352  
TSD County:  Los Angeles  
Waste Category:  Waste oil and mixed oil  
Disposal Method:  Recycler  
Tons:  2.4519  
Facility County:  Santa Clara  

Gepaid:  CAL0001000045  
Contact:  DENNIS SMITH O & E SPECIALIST  
Telephone:  5595833398  
Facility Addr2:  Not reported  
Mailing Name:  Not reported  
Mailing Address:  685 W THIRD ST  
Mailing City,St,Zip:  HANFORD, CA 932305016  
Gen County:  Sonoma  
TSD EPA ID:  Not reported  
TSD County:  San Bernardino  
Waste Category:  Aqueous solution with less than 10% total organic residues  
Disposal Method:  Transfer Station  
Tons:  0.68  
Facility County:  Not reported  

Gepaid:  CAL0001000045  
Contact:  DENNIS SMITH O & E SPECIALIST  
Telephone:  5595833398  
Facility Addr2:  Not reported  
Mailing Name:  Not reported  
Mailing Address:  685 W THIRD ST  
Mailing City,St,Zip:  HANFORD, CA 932305016  
Gen County:  Sonoma  
TSD EPA ID:  Not reported
### ULTRAMAR INC 3489 (Continued)

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Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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<th>K39 NW</th>
<th>CHANG, KEVIN</th>
<th>HAMPTON WAY 1580</th>
<th>SANTA ROSA, CA</th>
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<table>
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<tr>
<th>N40 WNW</th>
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<th>1810 SEBASTOPOL RD</th>
<th>SANTA ROSA, CA</th>
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<tr>
<td>Region:</td>
<td>SONOMA</td>
<td>Regional Board:</td>
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<td>Relative: Higher</td>
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<td>Referred</td>
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<td>LOP Number:</td>
<td>00001217</td>
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<table>
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<tr>
<th>41 North</th>
<th>MURRILL, AMES</th>
<th>ROSELAND AVENUE 439</th>
<th>SANTA ROSA, CA</th>
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<td>CORTESE</td>
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LUST:

| Region: | STATE |
| Global Id: | T0609700072 |
| Latitude: | 38.431103 |
| Longitude: | -122.73921 |
| Case Type: | LUST Cleanup Site |
MURRILL, AMES (Continued)  

Status: Completed - Case Closed  
Status Date: 1988-12-20 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: SONOMA COUNTY  
RB Case Number: 1TSO099  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST REG 1:  
Region: 1  
Facility ID: 1TSO099  
Staff Initials: Closed

CONTINENTAL BAKING COMPANY  

O42  
WNW  
SEBASTOPOL ROAD 1840  
1/4-1/2  
SANTA ROSA, CA  
0.386 mi.  
2036 ft.  
Site 1 of 4 in cluster O

Relative:  
Equal  
Actual:  
127 ft.

LUST:  
Region: STATE  
Global Id: T0609700659  
Latitude: 38.4269472  
Longitude: -122.7409269  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1995-05-22 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 1TSR168  
LOC Case Number: 00001217  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

LUST REG 1:  
Region: 1  
Facility ID: 1TSR168  
Staff Initials: Closed
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### Site 2 of 2 in cluster N

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<td>S103637597</td>
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<td>Contact:</td>
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<td>Telephone:</td>
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<tr>
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<td>Mailing Address:</td>
<td>PO BOX 2709</td>
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<tr>
<td>Mailing City,St,Zip:</td>
<td>POMONA, CA 917692709</td>
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HAZNET:

| Gepaid: | CAR000005454 |
| Contact:| INTERSTATE BRANDS CORPORATION |
| Telephone:| 4155520950 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | PO BOX 2709 |
| Mailing City,St,Zip: | POMONA, CA 917692709 |
| Gen County: | Sonoma |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Santa Clara |
| Waste Category: | Other organic solids |
| Disposal Method: | Disposal, Other |
| Tons: | 3.6000 |
| Facility County: | Sonoma |

Gepaid: CAC002377414
Contact: DAVID GRAURS ENVIRO ENGR
Telephone: 9095910451
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2709
Mailing City,St,Zip: POMONA, CA 917692709
Gen County: Not reported
TSD EPA ID: CAR000005454
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Recycler
Tons: 0.4
Facility County: Sonoma

Gepaid: CAL000218462
INTERSTATE BRANDS CORPORATION (Continued)  

Contact: D GRAVES WEST DIV ENVIRON  
Telephone: 3236604455  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 2330 RIPPLE ST  
Mailing City,St,Zip: LOS ANGELES, CA 900390000  
Gen County: Sonoma  
TSD EPA ID: CAD980887418  
TSD County: Alameda  
Waste Category: Unspecified oil-containing waste  
Disposal Method: H141  
Tons: 0.3  
Facility County: Sonoma  
Gepaid: CAR000005454  
Contact: DAVID GRAURS ENVIRO ENGR  
Telephone: 9095910451  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 2709  
Mailing City,St,Zip: POMONA, CA 917692709  
Gen County: Not reported  
TSD EPA ID: Not reported  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Not reported  
Tons: Not reported  
Facility County: Not reported  

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

DUTTON & ASSOCIATES (Continued)

| Region: | 1 |
| Facility ID: | 1NSR232 |
| Staff Initials: | Facility Closed |

---

EXCHANGE BANK DATA CENTER

| NE | Notify 65 |
| 330 SEBASTOPAL | U000067321 |
| SANTA ROSA, CA 93582 | N/A |
| 45 | |
| 0.401 mi. | |
| 2119 ft. | |
| Relative: Notify 65: |
| Higher |
| Actual: 141 ft. |
| Date Reported: Not reported |
| Staff Initials: Not reported |
| Board File Number: Not reported |
| Facility Type: Not reported |
| Discharge Date: Not reported |
| Incident Description: 93582 |

---

ACME AUTO WRECKERS

| WNW | CERCLIS 1000707596 |
| 1885 SEBASTOPOL ROAD | HAZNET CAD983644998 |
| SANTA ROSA, CA 95407 | |
| O46 | |
| 0.408 mi. | |
| 2156 ft. | Site 2 of 4 in cluster O |
| Relative: CERCLIS: |
| Equal |
| Site ID: 0904535 |
| Federal Facility: Not a Federal Facility |
| NPL Status: Not on the NPL |
| Non NPL Status: Site Reassessment Ongoing |
| Actual: 127 ft. |
| CERCLIS Site Contact Name(s): |
| Contact Name: Karen Jurist |
| Contact Tel: (415) 972-3219 |
| Contact Title: Site Assessment Manager (SAM) |
| Contact Name: Jeff Inglis |
| Contact Tel: (415) 972-3095 |
| Contact Title: Site Assessment Manager (SAM) |
| Contact Name: Carl Brickner |
| Contact Tel: (415) 972-3814 |
| Contact Title: Site Assessment Manager (SAM) |
| Site Description: Not reported |

CERCLIS Assessment History:

| Action: DISCOVERY |
| Date Started: Not reported |
| Date Completed: 06/22/92 |
| Priority Level: Not reported |

| Action: PRELIMINARY ASSESSMENT |
| Date Started: Not reported |
| Date Completed: 07/28/94 |
| Priority Level: Higher priority for further assessment |
ACME AUTO WRECKERS (Continued)

Action: SITE INSPECTION
Date Started: 09/15/94
Date Completed: 09/27/95
Priority Level: Higher priority for further assessment

HAZNET:
Gepaid: CAL000081819
Contact: MICHAEL J MARQUIS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1885 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080012602
TSD County: Solano
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .9382
Facility County: Sonoma

Gepaid: CAL000081819
Contact: MICHAEL J MARQUIS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1885 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .1750
Facility County: Sonoma

Gepaid: CAL000081819
Contact: MICHAEL J MARQUIS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1885 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 1.4178
Facility County: Sonoma

Gepaid: CAL000081819
Contact: MICHAEL J MARQUIS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
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<th>EDR ID Number</th>
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**ACME AUTO WRECKERS (Continued)**

Map ID: 1000707596

Mailing Address: 1885 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAL000161741
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .5421
Facility County: Sonoma

Gepaid: CAL000081819
Contact: MICHAEL J MARQUIS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1885 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080012602
TSD County: Solano
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Tons: .7506
Facility County: Sonoma

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

---

Relative: Equal
Actual: 127 ft.

CA WDS: S100183332
CA WDS: 149003958
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS0000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 1
Facility Telephone: Not reported
Facility Contact: MICHAEL J. MARQUIS
Agency Name: ACME AUTO WRECKERS
Agency Address: 1885 SEBASTOPOL RD
Agency City,St,Zip: SANTA ROSA 95407
Agency Contact: MICHAEL J. MARQUIS
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 5015
SIC Code 2: Not reported
Primary Waste: Stormwater Runoff
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
### ACME AUTO WRECKERS INC. (Continued)

<table>
<thead>
<tr>
<th>Site Type</th>
<th>Historical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Type Detailed</td>
<td>* Historical</td>
</tr>
<tr>
<td>Acres</td>
<td>Not reported</td>
</tr>
<tr>
<td>NPL</td>
<td>NO</td>
</tr>
<tr>
<td>Regulatory Agencies</td>
<td>NONE SPEICIFIED</td>
</tr>
<tr>
<td>Lead Agency</td>
<td>NONE SPECIFIED</td>
</tr>
<tr>
<td>Program Manager</td>
<td>Not reported</td>
</tr>
<tr>
<td>Supervisor</td>
<td>Referred - Not Assigned</td>
</tr>
<tr>
<td>Division Branch</td>
<td>Berkeley</td>
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</table>

#### NPDES:
- **Facility Status**: Active
- **Agency Id**: 696
- **Region**: 1
- **Regulatory Measure Id**: 178811
- **Order No**: 97-03-DWQ
- **Regulatory Measure Type**: Storm water industrial
- **Place Id**: 204380
- **WDID**: 491003958
- **Program Type**: INDSTW
- **Adoption Date Of Regulatory Measure**: Not reported
- **Effective Date Of Regulatory Measure**: 1992-04-03 00:00:00
- **Expiration Date Of Regulatory Measure**: Not reported
- **Termination Date Of Regulatory Measure**: Not reported
- **Discharge Name**: Marquis, Michael J
- **Discharge Address**: 1885 Sebastopol Rd
- **Discharge City**: Santa Rosa
- **Discharge State**: CA
- **Discharge Zip**: 95407

#### CORTESE:
- **Region**: CORTESE
- **Facility County Code**: 49
- **Reg By**: WBC&D
- **Reg Id**: 1B1SR126NUG

#### ENVIROSTOR:

#### MAP FINDINGS

<table>
<thead>
<tr>
<th>Map ID</th>
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<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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<td></td>
<td></td>
<td></td>
<td>S100183332</td>
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</table>
| Facility ID: 49500002  
| Site Code: Not reported  
| Assembly: 7  
| Senate: 2  
| Special Program: * Rural County Survey Program  
| Status: Refer: RWQCB  
| Status Date: 9/27/1993 0:00  
| Restricted Use: NO  
| Site Mgmt. Req.: NONE SPECIFIED  
| Funding: Not reported  
| Latitude: 38.42832238  
| Longitude: -122.7399736  
| APN: 125-071-015  
| Past Use: NONE SPECIFIED  
| Potential COC: NONE SPECIFIED  
| Confirmed COC: NONE SPECIFIED  
| Potential Description: NONE SPECIFIED  
| Alias Type: Envirostor ID Number  
| Alias Name: 49500002  
| Alias Name: 125-071-015  
| Alias Type: APN  

**Completed Info:**
- **Completed Area Name:** PROJECT WIDE  
- **Completed Sub Area Name:** Not reported  
- **Completed Document Type:** Site Screening  
- **Completed Date:** 1988-04-22 00:00:00  
- **Comments:** SITE SCREENING DONE POSS ONSITE CONTAM

**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

---

**O48**
**ACME AUTO WRECKERS INC.**
1885 SEBASTOPOL ROAD  
SANTA ROSA, CA 95407  
0.408 mi.  
0.408 mi.  
2156 ft.  
Site 4 of 4 in cluster O

**Relative:**
- **Equal**

**Actual:**
- **127 ft.**

**SLIC:**
- N/A

**Facility Status:** Open - Site Assessment
**Status Date:** Not reported
**Global Id:** T0609793206

**Lead Agency:** NORTH COAST RWQCB (REGION 1)
## ACME AUTO WRECKERS INC. (Continued)

**Lead Agency Case Number:** Not reported  
**Latitude:** 38.428176944789698  
**Longitude:** -122.73996591568  
**Case Type:** Cleanup Program Site  
**Case Worker:** CHH  
**Local Agency:** SONOMA COUNTY  
**RB Case Number:** 1NSR126  
**File Location:** Regional Board  
**Potential Media Affected:** Aquifer used for drinking water supply  
**Potential Contaminants of Concern:** Lead, Fuel Oxygenates  
**Site History:** Operating salvag yard. Groundwater impacted primarily with MTBE. High levels in of lead in soil.

### CERCLIS

<table>
<thead>
<tr>
<th>Relative:</th>
<th>Site ID: 0904556</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual:</td>
<td>Federal Facility: Not a Federal Facility</td>
</tr>
<tr>
<td>142 ft.</td>
<td>NPL Status: Not on the NPL</td>
</tr>
</tbody>
</table>

### CERCLIS Site Contact Name(s):

- **Contact Name:** Karen Jurist  
  **Contact Tel:** (415) 972-3219  
  **Contact Title:** Site Assessment Manager (SAM)

- **Contact Name:** Jeff Inglis  
  **Contact Tel:** (415) 972-3095  
  **Contact Title:** Site Assessment Manager (SAM)

- **Contact Name:** Carl Brickner  
  **Contact Tel:** (415) 972-3814  
  **Contact Title:** Site Assessment Manager (SAM)

### CERCLIS Assessment History:

**Action:** DISCOVERY  
**Date Started:** Not reported  
**Date Completed:** 06/22/92  
**Priority Level:** Not reported

**Action:** SITE INSPECTION  
**Date Started:** 12/10/93  
**Date Completed:** 09/28/94  
**Priority Level:** Low priority for further assessment
BAUGH, MS. WILSON (Continued)  1000707604

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/28/94
Priority Level: Low priority for further assessment

FINDS:
Registry ID: 110009260888

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO231

LUST:
Region: STATE
Global Id: T0609700174
Latitude: 38.429895983
Longitude: -122.7293036
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 2009-05-15 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: JEF
Local Agency: SONOMA COUNTY LOP
RB Case Number: 1TSO231
LOC Case Number: 00002466
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: See Sebastopol Road Commingled Plume Group

LUST REG 1:
Region: 1
Facility ID: 1TSO231
Staff Initials: WTE

CA FID UST:
Facility ID: 49000460
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
## BAUGH, MS. WILSON (Continued)

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<tr>
<td>Number</td>
<td>9</td>
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<tr>
<td>Board Of Equalization</td>
<td>44-028030</td>
</tr>
<tr>
<td>Ref Date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Act Date</td>
<td>10-05-89</td>
</tr>
<tr>
<td>Created Date</td>
<td>03-31-89</td>
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<tr>
<td>Tank Status</td>
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<tr>
<td>Owner Tank Id</td>
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<td>Swrcb Tank Id</td>
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<td>Actv Date</td>
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<table>
<thead>
<tr>
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<tr>
<td>Comp Number</td>
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<td>Number</td>
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<td>Board Of Equalization</td>
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<tr>
<td>Ref Date</td>
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<tr>
<td>Capacity</td>
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<td>Stg</td>
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<td>Content</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Number Of Tanks</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Status</th>
<th>A</th>
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<tbody>
<tr>
<td>Comp Number</td>
<td>2466</td>
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<td>Board Of Equalization</td>
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<td>Ref Date</td>
<td>Not reported</td>
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<tr>
<td>Act Date</td>
<td>10-05-89</td>
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<tr>
<td>Created Date</td>
<td>03-31-89</td>
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<tr>
<td>Tank Status</td>
<td>A</td>
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<tr>
<td>Owner Tank Id</td>
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</table>
BAUGH, MS. WILSON (Continued)  
1000707604

Actv Date: 10-05-89  
Capacity: 1  
Tank Use: UNKNOWN  
Stg: P  
Content: UNKNOWN  
Number Of Tanks: Not reported

P50  
BSC CLEANERS  
800 SEBASTOPOL ROAD  
SANTA ROSA, CA 95401  
1/4-1/2  
0.417 mi.  
2204 ft.  Site 2 of 4 in cluster P

Relative: Higher
Actual: 142 ft.

SLIC: STATE
Facility Status: Open - Site Assessment
Status Date: Not reported
Global Id: SL0609776502
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.42940000000001
Longitude: -122.7292999999999
Case Type: Cleanup Program Site
Case Worker: JEF
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR424
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

CERCLIS Site Contact Name(s):

Contact Name: Karen Jurist  
Contact Tel: (415) 972-3219
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis  
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Carl Brickner  
Contact Tel: (415) 972-3814
Contact Title: Site Assessment Manager (SAM)
MCMINN STATE SUPERFUND SITE (Continued)

Site Description: Q4 99

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 10/01/98
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 10/01/98
Date Completed: 09/23/99
Priority Level: Higher priority for further assessment

Action: PRELIMINARY ASSESSMENT
Date Started: 10/01/98
Date Completed: 09/23/99
Priority Level: Higher priority for further assessment

FINDS:
Registry ID: 110009329654

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

P52 ROSELAND CLEANERS SLIC S106487422
NE 761 SEBASTOPOL ROAD NEA N/A 1/4-1/2
SANTA ROSA, CA 95401
0.432 mi.
2279 ft.
Site 4 of 4 in cluster P

Relative: Higher
Actual: 142 ft.

SLIC: STATE

Facility Status: Open - Site Assessment
Status Date: Not reported
Global Id: SL0609779635
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.43100091590920
Longitude: -122.72893667221101
Case Type: Cleanup Program Site
Case Worker: JEF
Local Agency: Not reported
RB Case Number: 1NSR403
File Location: Not reported
Potential Media Affected: Well used for drinking water supply
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Not reported
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
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<tbody>
<tr>
<td>Q53</td>
<td>NE</td>
<td>1/4-1/2</td>
<td>2306 ft.</td>
<td>Site 1 of 2 in cluster Q</td>
<td>LUST</td>
<td>S101304989</td>
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<tr>
<td>NE</td>
<td>1/4-1/2</td>
<td>0.437 mi.</td>
<td>2306 ft.</td>
<td>Site 1 of 2 in cluster Q</td>
<td>Relative: Higher</td>
<td>Facility ID: TSO057</td>
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<td>Actual: 143 ft.</td>
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<tr>
<td>R54</td>
<td>WNW</td>
<td>1/4-1/2</td>
<td>2308 ft.</td>
<td>Site 1 of 3 in cluster R</td>
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<tr>
<td>WNW</td>
<td>1/4-1/2</td>
<td>0.437 mi.</td>
<td>2308 ft.</td>
<td>Site 1 of 3 in cluster R</td>
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<td>Facility ID: TSO056</td>
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<tr>
<td>R55</td>
<td>WNW</td>
<td>1/4-1/2</td>
<td>2342 ft.</td>
<td>Site 2 of 3 in cluster R</td>
<td>HIST CORTESE</td>
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<td>WNW</td>
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<td>0.444 mi.</td>
<td>2342 ft.</td>
<td>Site 2 of 3 in cluster R</td>
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<td>LUST:</td>
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<tr>
<td>Case Worker:</td>
<td>CHH</td>
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<tr>
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<td>SONOMA COUNTY</td>
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<td>TSO056</td>
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<td>Regional Board</td>
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<tr>
<td>Potential Media Affect:</td>
<td>Aquifer used for drinking water supply</td>
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<td>Potential Contaminants of Concern:</td>
<td>Benzene, Toluene, Xylene, Fuel Oxygenates, Gasoline</td>
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<tr>
<td>Site History:</td>
<td>Former service station. Site is currently a vacant lot, pending redevelopment with a proposed Jiffy Lube. USTs removed. Soil and groundwater impacted with petroleum hydrocarbons. Extent of</td>
<td></td>
<td></td>
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<td></td>
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</table>
contamination is defined. Currently operating a dual phase extraction system.

EMI:
Year: 2007
County Code: 49
Air Basin: SF
Facility ID: 16512
Air District Name: BA
SIC Code: 1799
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: .229
Reactive Organic Gases Tons/Yr: .1599794
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

R56 SANTA ROSA VALUE CENTER SLIC S103393019
WNW SEBASTOPOL AT STONY POINT N/A
1/4-1/2 SANTA ROSA, CA 95407
0.445 mi.
2350 ft. Site 3 of 3 in cluster R

Relative: Lower
Actual: 126 ft.

SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: Not reported
Global Id: T0609793435
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.42753734999997
Longitude: -122.741775
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR337
File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

SLIC:
Region: 1
Facility ID: 1NSR337
Staff Initials: Facility Closed
Q57  SEBASTOPOL ROAD COMMINGLED PLUME GROUP  
NE  760 SEBASTOPOL ROAD  
1/4-1/2  SANTA ROSA, CA 95407  
0.450 mi.  Site 2 of 2 in cluster Q  
2375 ft.  Actual: 143 ft. Relative: Higher  

**Site History:**  
* Solvents, Gasoline  
**Potential Contaminants of Concern:**  
Aquifer used for drinking water supply, Well used for drinking water supply  
**Site History:**  
Not reported

---

S58  REDWOOD OIL/ CHEVRON BULK PLANT  
North  258 ROSELAND AVENUE  
1/4-1/2  SANTA ROSA, CA 95401  
0.465 mi.  Site 1 of 2 in cluster S  
2454 ft.  Actual: 139 ft. Relative: Higher  

**Site History:**  
Gasoline, Diesel, Fuel Oxygenates  
**Site History:**  
Related site 1NSO252. Please see this site for more information.

---

**Facility Status:**  
Open - Assessment & Interim Remedial Action  
**Status Date:**  
2010-05-26 00:00:00  
**Global Id:**  
T0609747680  
**Lead Agency:**  
NORTH COAST RWQCB (REGION 1)  
**Lead Agency Case Number:**  
1TSO252  
**Case Type:**  
Cleanup Program Site

---

**Facility Status:**  
Open - Remediation  
**Status Date:**  
2009-07-02 00:00:00  
**Global Id:**  
T060977408  
**Lead Agency:**  
NORTH COAST RWQCB (REGION 1)  
**Lead Agency Case Number:**  
1TSR394  
**Case Type:**  
LUST Cleanup Site

---

**Facility Status:**  
Open - Assessment & Interim Remedial Action  
**Status Date:**  
2010-05-26 00:00:00  
**Global Id:**  
T0609735561  
**Lead Agency:**  
NORTH COAST RWQCB (REGION 1)  
**Lead Agency Case Number:**  
38.43132893354799  
**Case Type:**  
Cleanup Program Site
**REDWOOD OIL/ CHEVRON BULK PLANT**  (Continued)  

| Case Worker: | CHH |
| Local Agency: | SONOMA COUNTY |
| RB Case Number: | 1NSO252 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply, Well used for drinking water supply |
| Potential Contaminants of Concern: | Benzene, Toluene, Xylene, Diesel, Fuel Oxygenates, Gasoline |
| Site History: | Former bulk storage facility which included 9 aboveground tanks and 4 USTs. Site currently occupied by a transmission repair shop. Site is heavily impacted by petroleum hydrocarbons, including free product. Extent of contamination is generally defined. |

**SLIC:**
- Region: 1
- Facility ID: 1NSO252
- Staff Initials: WTE

**HAZNET:**

| Gepaid: | CAC000952352 |
| Contact: | REDWOOD OIL CO INC |
| Telephone: | 0000000000 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 455 YOLANDA AVE |
| Mailing City,St,Zip: | SANTA ROSA, CA 954040000 |
| Gen County: | Sonoma |
| TSD EPA ID: | CAD083166728 |
| TSD County: | Stanislaus |
| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Recycler |
| Tons: | 2.0850 |
| Facility County: | Sonoma |

| Gepaid: | CAC000952352 |
| Contact: | REDWOOD OIL CO INC |
| Telephone: | 0000000000 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 455 YOLANDA AVE |
| Mailing City,St,Zip: | SANTA ROSA, CA 954040000 |
| Gen County: | Sonoma |
| TSD EPA ID: | CAD980883177 |
| TSD County: | Kern |
| Waste Category: | Contaminated soil from site clean-ups |
| Disposal Method: | Recycler |
| Tons: | 5.0000 |
| Facility County: | Sonoma |

| Gepaid: | CAC000910672 |
| Contact: | REDWOOD OIL CO |
| Telephone: | 0000000000 |
| Facility Addr2: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | PO BOX 428 |
| Mailing City,St,Zip: | SANTA ROSA, CA 954020000 |
| Gen County: | Sonoma |
REDWOOD OIL/ CHEVRON BULK PLANT (Continued)  S101875583

TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 7.0890
Facility County: Sonoma

S59  REDWOOD OIL BULK PLANT (F)  HIST CORTESE  1001832729
North
258 ROSELAND
1/4-1/2
SANTA ROSA, CA  95407
0.465 mi.
2454 ft.  Site 2 of 2 in cluster S
Relative: CORTESE:
Higher
Region: CORTESE
Facility County Code: 49
Actual: Reg By: WBC&D
139 ft.  Reg Id: 1B91049NSON

T60  HOLLAND CLEANERS  SLIC  S106487417
NE
700 SEBASTOPOL ROAD
1/4-1/2
SANTA ROSA, CA  95407
0.476 mi.
2514 ft.  Site 1 of 5 in cluster T
Relative: SLIC:
Higher
Region: STATE
Actual: Facility Status: Open - Site Assessment
144 ft.  Status Date: Not reported
Global Id: SL0609757511
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.429757037477202
Longitude: -122.727799415588
Case Type: Cleanup Program Site
Case Worker: JEF
Local Agency: Not reported
RB Case Number: 1NSR406
File Location: Regional Board
Potential Media Affected: Well used for drinking water supply
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Former dry cleaner operated 1961 - 1981.

T61  ACI INC  LUST  S106247497
NE
673 SEBASTOPOL RD
1/4-1/2
SANTA ROSA, CA  95407
0.484 mi.
2557 ft.  Site 2 of 5 in cluster T
Relative: SONOMA CO. LUST:
Higher
Region: SONOMA
Regional Board: 1TSO057
Actual: Closed or Referred: Referred
144 ft.  Date: 6/1/1992
LOP Number: 00007337

TC2839355.2s  Page 72
ACI INC (Continued)

Funding Fed / State: Federal
Staff: Not reported
Global ID: T0609700036

HAZNET:
Gepaid: CAC002618508
Contact: MIKE BROWN
Telephone: 7075420191
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 673 SEBASTOPOL RD
Mailing City,St,Zip: SANTA ROSA, CA 954076825
Gen County: Sonoma
TSD EPA ID: TXD077603371
TSD County: 99
Waste Category: Unspecified organic liquid mixture
Disposal Method: H061
Tons: 0.45
Facility County: Sonoma

T62 NOR CAL GLASS COMPANY HIST CORTESE S103817529
NE 673 SEBASTOPOL LUST N/A
1/4-1/2 SANTA ROSA, CA 95407
0.484 mi. Site 3 of 5 in cluster T
2557 ft. Relative: CORTESE:
Higher Facility County Code: 49
Actual: Reg By: LTNKA
144 ft. Reg Id: 1TSO057

LUST:
Region: STATE
Global Id: T0609700036
Latitude: 38.431476
Longitude: -122.727437
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-01-23 00:00:00
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SONOMA COUNTY LOP
RB Case Number: 1TSO057
LOC Case Number: 00007337
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported
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<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
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<td>T63</td>
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<td>NORCAL GLASS CO. 673 SEBASTOPOL RD. SANTA ROSA, CA 95407</td>
<td>FINDS</td>
<td>1000994775</td>
<td>(415) 972-3219</td>
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**CERCLIS Site Contact Name(s):**
- Contact Name: Karen Jurist
- Contact Tel: (415) 972-3219
- Contact Title: Site Assessment Manager (SAM)
- Contact Name: Jeff Inglis
- Contact Tel: (415) 972-3095
- Contact Title: Site Assessment Manager (SAM)
- Contact Name: Carl Brickner
- Contact Tel: (415) 972-3814
- Contact Title: Site Assessment Manager (SAM)

**Site Description:** No history of CERCLA haz substances onsite.

**CERCLIS Assessment History:**
- Action: DISCOVERY
  - Date Started: Not reported
  - Date Completed: 05/11/95
  - Priority Level: Not reported
- Action: PRELIMINARY ASSESSMENT
  - Date Started: 10/01/01
  - Date Completed: 07/26/05
  - Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

**FINDS:**
- Registry ID: 110009266294

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.
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<thead>
<tr>
<th>Map ID</th>
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<th>EPA ID Number</th>
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<td>LUST</td>
<td>N/A</td>
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</table>

**Location:**

**JACK SMITH GLASS & SASH**
DUTTON AVENUE, NO 1050
SANTA ROSA, CA

**Region:** LUST CORTESE

**Distance:** 0.489 mi.
**Elevation:** 2582 ft.

**Relative:**
- **Higher**
- **Actual:** 135 ft.

**LUST REG 1:**
- **Region:** 1
- **Facility ID:** 1TSR158
- **Staff Initials:** Closed

**T65**

**BAUGH, WILSON, ENTERPRISE**

**Region:** SONOMA

**Relative:**
- **Higher**
- **Actual:** 144 ft.

**Site 5 of 5 in cluster T**

**T0609700653**
**Staff:** Not reported
**Global ID:** T0609700174

**Status:** Completed - Case Closed

**Case Type:** LUST Cleanup Site

**Case Worker:** ZZZ
**Local Agency:** SANTA ROSA, CITY OF
**Lead Agency:** NORTH COAST RWQCB (REGION 1)

**Potential Contaminants of Concern:**
- Gasoline
- Soil

**Database(s):** Not reported

**Case Type:** LUST

**Case Worker:** N/A
**Local Agency:** ZZZ
**Lead Agency:** N/A

**Potential Contaminants of Concern:**
- Soil

**Database(s):** Not reported

**Case Type:** LUST

**Case Worker:** N/A
**Local Agency:** ZZZ
**Lead Agency:** N/A

**Potential Contaminants of Concern:**
- Soil

**Database(s):** Not reported

**Case Type:** LUST

**Case Worker:** N/A
**Local Agency:** ZZZ
**Lead Agency:** N/A

**Potential Contaminants of Concern:**
- Soil

**Database(s):** Not reported
### CLEANING MART

- **Address**: 651 SEBASTOPOL ROAD, SANTA ROSA, CA 95401
- **SLIC**: 2632 ft., 0.498 mi.
- **Relative Elevation**: Higher 2632 ft.
- **Actual Elevation**: 144 ft.
  
#### Site History:
- Potential Contaminants of Concern: Solvents
- Aquifer used for drinking water supply

#### Site Details:
- **Lead Agency**: NORTH COAST RWQCB (REGION 1)
- **Date Reported**: 19930126
- **Incident Description**: A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON, TERTRACHLORIDE & CHLOROFORM

---

### YELLOW ROADWAY FREIGHT

- **Address**: 270 DUTTON AVENUE, SANTA ROSA, CA 95407
- **SLIC**: 3501 ft., 0.663 mi.
- **Relative Elevation**: Higher 3501 ft.
- **Actual Elevation**: 148 ft.
  
#### Site Details:
- **Date Reported**: 19930126
- **Incident Description**: A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON, TERTRACHLORIDE & CHLOROFORM
### Site 2 of 6 in cluster U

**Relative:** Cortese

**Higher**
- Region: Cortese
- Facility County Code: 49

**Actual**
- Reg By: WBC&D
- Reg Id: 1B1SO079NUG
- Region: Cortese
- Facility County Code: 49
- Reg By: LTNKA
- Reg Id: 1TSO079

**LUST:**
- Region: State
- Global Id: T0609700053
- Latitude: 38.432535492
- Longitude: -122.725851154
- Case Type: LUST Cleanup Site
- Status: Open - Remediation
- Status Date: 2008-03-14 00:00:00
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Case Worker: JAT
- Local Agency: SONOMA COUNTY
- RB Case Number: 1TSO079
- LOC Case Number: Not reported
- File Location: Regional Board
- Potential Media Affect: Aquifer used for drinking water supply, Well used for drinking water supply
- Potential Contaminants of Concern: Gasoline

**Site History:**
The Shell-branded service station and former DZ, Inc. petroleum fuel bulk plant, located at 255 and 257 Dutton Avenue, respectively, are sited in a commercial section of southwest Santa Rosa, California. The Shell station has been in operation since the early 1960s. The DZ site is a former Shell bulk plant, originally operated by Shell in the 1960s and sold in 1974 to DZ, Inc. The two adjacent properties are managed as one commingled plume site per a 2003 agreement between the responsible parties, and are currently enrolled in the California Underground Storage Tank Cleanup Fund.

**LUST REG 1:**
- Region: 1
- Facility ID: 1TSO079
- Staff Initials: WTE

**SLIC:**
- Region: State
- **Facility Status:** Completed - Case Closed
- Status Date: Not reported
- Global Id: SL0002014200
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Lead Agency Case Number: Not reported
- Latitude: 38.43222796441788
- Longitude: -122.725696563721

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**MAP FINDINGS**

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SHELL (DUTTON) (Continued)

Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1NSO079
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: * Petroleum - Automotive gasolines

Site History: Electronic data reports for this co-mingled plume site are uploaded to the LUST case 1TSS0079. The site is the location of an active gas station where an investigation and cleanup is in progress for releases from underground storage tanks (USTs).

Notify 65:
Date Reported: 19961122
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: UNKNOWN
Discharge Date: Not reported
Incident Description: Not reported

EMI:
Year: 2007
County Code: 49
Air Basin: SF
Facility ID: 17692
Air District Name: BA
SIC Code: 1799
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: 2.67
Reactive Organic Gases Tons/Yr: 1.865262
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

U69 SHELL OIL WHOSALE PLANT
NE 257 DUTTON
SANTA ROSA, CA 95407
0.665 mi. 3513 ft.
Site 3 of 6 in cluster U

Relative: Higher
Actual: 148 ft.

ENVIROSTOR: S100183359
N/A

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49510002
Site Code: Not reported
Assembly: 7
SHELL OIL WHOLESALE PLANT (Continued)  S100183359

Senate: 2
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 9/27/1993 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.43241601
Longitude: -122.7250115
APN: 125-121-024
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49510002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-05-13 00:00:00
Comments: SITE SCREENING DONE POSS ONSITE CONTAM

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

Notify 65: S100179624
EMI: N/A

U70 DZ INC, SHELL BULK PLANT
NE 257 DUTTON AVENUE
1/2-1 0.665 mi.
0.3513 ft.
Site 4 of 6 in cluster U

Relative: Higher
Actual: 148 ft.

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

EMI:
Year: 1987
County Code: 49
DZ INC, SHELL BULK PLANT (Continued)

Air Basin: SF
Facility ID: 844
Air District Name: BA
SIC Code: 5171
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: 2
Reactive Organic Gases Tons/Year: 2
Carbon Monoxide Emissions Tons/Year: 0
NOX - Oxides of Nitrogen Tons/Year: 0
SOX - Oxides of Sulphur Tons/Year: 0
Particulate Matter Tons/Year: 0
Part. Matter 10 Micrometers & Smaller Tons/Year: 0

Year: 1990
County Code: 49
Air Basin: SF
Facility ID: 844
Air District Name: BA
SIC Code: 5171
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: 6
Reactive Organic Gases Tons/Year: 6
Carbon Monoxide Emissions Tons/Year: 0
NOX - Oxides of Nitrogen Tons/Year: 0
SOX - Oxides of Sulphur Tons/Year: 0
Particulate Matter Tons/Year: 0
Part. Matter 10 Micrometers & Smaller Tons/Year: 0

U71
DZ INC
NE
257 DUTTON
1/2-1
SANTA ROSA, CA 93582

Notify 65: 65
Notify 65: N/A

0.666 mi.
3514 ft.

Site 5 of 6 in cluster U

Relative:
Higher:
Actual:
148 ft.

CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO268NSL

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582
### U72 258 DUTTON
**Notify 65** S100562417

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<td>0.666 mi.</td>
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**Relative:** Notify 65:
- **Date Reported:** 19930616
- **Staff Initials:** SAW

**Actual:** 148 ft.

**Incident Description:**
- EPA ID Number: U72
- Notify 65: 258 DUTTON S100562417
- Site 6 of 6 in cluster U
- Project: 20011
- Site Type: Evaluation
- Site Type Detailed: Evaluation
- Acres: 0.5
- NPL: NO
- Regulatory Agencies: SMBRP
- Lead Agency: SMBRP
- Program Manager: VIRGINIA LASKY
- Supervisor: Karen Toth
- Division Branch: Berkeley
- Facility ID: 49360001
- Site Code: Not reported
- Assembly: 7
- Senate: 2
- Special Program: EPA - PASI
- Status: Refer: RWQCB
- Status Date: 3/25/2008 0:00
- Restricted Use: NO
- Site Mgmt. Req.: NONE SPECIFIED
- Funding: EPA Grant
- Latitude: 38.42629
- Longitude: -122.72202
- APN: NONE SPECIFIED
- Past Use: NONE SPECIFIED
- Potential COC: 20011
- Confirmed COC: NONE SPECIFIED
- Potential Description: NONE SPECIFIED
- Alias Name: 49360001
- Alias Type: Envirostor ID Number

**Completed Info:**
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: Site Screening
- Completed Date: 1987-03-18 00:00:00
- Comments: Not reported

---

**Completed Info:**
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
SANTA ROSA CIRCUITS (Continued)

Completed Document Type: Site Screening
Completed Date: 2008-03-25 00:00:00
Comments: Soil cleanup was conducted and approved by the the Santa Rosa Fire Department and the North Coast Water Board on March 23 and March 30, 2005 respectively. Soil was contaminated with motor oil and lead. Groundwater results for volatile organic compounds and selected metals were below the Maximum Contaminant Levels (MCLs).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1987-03-18 00:00:00
Comments: FACILITY IDENTIFIED INFO ACQUIRED FROM DHS FILES. SITE SCREENING DONE MORE INFO NEEDED TO DETERMINE THE HAZARD POTENTIAL. CONTACT: EILEEN KORTAS FIRE DEPT., 955 SONOMA AVE., SANTA ROSA, CA. (707) 576-5311.

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

OPTICAL COATING LABORATORY INC
STORMDRAIN @ NORTHPOINT
SANTA ROSA, CA 93582

Notify 65: 3975 ft.
Relative: Lower
Actual: 112 ft.

SANTA ROSA PLATING WORKS
80 BARHAM AVE
SANTA ROSA, CA 95407

ENVIROSTOR: S105754203
Notify 65: 4083 ft.
Relative: Higher
Actual: 147 ft.
MAP FINDINGS

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<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>
<th>EDR ID Number</th>
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**SANTA ROSA PLATING WORKS** (Continued)

- **Facility ID:** 49340003
- **Site Code:** Not reported
- **Assembly:** 7
- **Senate:** 2
- **Special Program:** * Rural County Survey Program
- **Status:** No Further Action
- **Status Date:** 1/7/2000 0:00
- **Restricted Use:** NO
- **Site Mgmt. Req.:** NONE SPECIFIED
- **Funding:** Not reported
- **Latitude:** 38.42628314
- **Longitude:** -122.7194726
- **APN:** 037-151-028
- **Past Use:** NONE SPECIFIED
- **Potential COC:** NONE SPECIFIED
- **Confirmed COC:** NONE SPECIFIED
- **Potential Description:** NONE SPECIFIED
- **Alias Name:** 49340003
- **Alias Type:** Envirostor ID Number

**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Site Screening
- **Completed Date:** 1988-05-13 00:00:00
- **Comments:** SITE SCREENING DONE SIC CODE - FORMERLY LOCATED AT 1465 SANTA ROSA AVENUE

**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

---

**76**
**FOUCHE BROS**
**SE**
2290 DUTTON AVENUE
SANTA ROSA, CA  95401
1/2-1
0.776 mi.
4100 ft.

**Relative:** Higher
**Actual:** 133 ft.

**ENVIROSTOR:**
- **Site Type:** Historical
- **Site Type Detailed:** * Historical
- **Acres:** Not reported
- **NPL:** NO
- **Regulatory Agencies:** NONE SPECIFIED
- **Lead Agency:** NONE SPECIFIED
- **Program Manager:** Not reported

---

**ENVIROSTOR**
**S100183334**
N/A

---

TC2839355.2s  Page 83
FOUCHE BROS  (Continued)

Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49500004
Site Code: Not reported
Assembly: 7
Senate: 2
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 9/27/1993 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.41731976
Longitude: -122.7219599
APN: 043-041-001
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49500004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Comments: SITE SCREENING DONE AUTO DISMANTLER, POSS ONSITE DISP

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

ANGIE KENDALL
2611 GIFFEN AVENUE
SANTA ROSA, CA  93582
S100179177
77  SW  1/2-1
Notify 65  0.797 mi.
0.797 mi.  4209 ft.
4209 ft.
Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

TC2839355.2s  Page 84
## Map Findings

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<th>Elevation</th>
<th>Site</th>
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### Relative:
- **Higher**
- **Actual:** 152 ft.

### Envirostor:
- Site Type: Historical
- Site Type Detailed: * Historical
- Acres: Not reported
- NPL: NO
- Regulatory Agencies: NONE SPECIFIED
- Lead Agency: NONE SPECIFIED
- Program Manager: Not reported
- Supervisor: Refered - Not Assigned
- Division Branch: Berkeley
- Facility ID: 49500015
- Site Code: Not reported
- Senate: 2
- Assembly: 7
- Special Program: * Rural County Survey Program
- Status: Refer: RWQCB
- Status Date: 10/8/1993 0:00
- Restricted Use: NO
- Site Mgmt. Req.: NONE SPECIFIED
- Funding: Not reported
- Latitude: 38.43277778
- Longitude: -122.7227778
- APN: NONE SPECIFIED
- Past Use: NONE SPECIFIED
- Potential COC: NONE SPECIFIED
- Confirmed COC: NONE SPECIFIED
- Potential Description: NONE SPECIFIED
- Alias Name: 49500015
- Alias Type: Envirostor ID Number

### Completed Info:
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: Site Screening
- Completed Date: 1988-04-22 00:00:00
- Comments: SITE SCREENING DONE AUTO DISMANTLER

- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: * Discovery
- Completed Date: 1988-04-07 00:00:00
- Comments: FACILITY IDENTIFIED PHONE DIR 1987

### Future:
- 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
79

FORMER POINT ST. GEORGE FISHERIES
8 SEBASTOPOL ROAD
SANTA ROSA, CA  95407

1/2-1
0.809 mi.
4269 ft.

VCP:
Facility ID: 49200002
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Lead Agency Description: Not reported
Project Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: Berkeley
Site Code: 201368
Assembly: 7
Senate: 2
Special Programs Code: Voluntary Cleanup Program
Status: Refer: RWQCB
Status Date: 1/31/2003 0:00
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 38.43156111 / -122.7213028
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER
Potential COC: 30025, 30195
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49200002
Alias Type: Envirostor ID Number
Alias Name: 110033614603
Alias Type: EPA (FRS #)
Alias Name: 201368
Alias Type: Project Code (Site Code)
Alias Name: POINT ST. GEORGE FISHERIES
Alias Type: Alternate Name

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-25 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 2001-02-23 00:00:00
Comments: Signed VCA to oversee risk assessment phase.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-02-23 00:00:00
Comments: Not reported
### FORMER POINT ST. GEORGE FISHERIES (Continued)

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Voluntary Cleanup Consultation  
**Completed Date:** 2003-01-09 00:00:00  
**Comments:** Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.

**Future Area Name:** Not reported  
**Future Sub Area Name:** Not reported  
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**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:** Not reported  
**NPL:** NO  
**Regulatory Agencies:** SMBRP, RWQCB 1 - North Coast  
**Lead Agency:** RWQCB 1 - North Coast  
**Program Manager:** JANET NAITO  
**Supervisor:** Barbara Cook  
**Division Branch:** Berkeley  
**Facility ID:** 49200002  
**Site Code:** 201368  
**Assembly:** 7  
**Senate:** 2  
**Special Program:** Voluntary Cleanup Program  
**Status:** Refer: RWQCB  
**Status Date:** 1/31/2003 0:00  
**Restricted Use:** NO  
**Site Mgmt. Req.:** NONE SPECIFIED  
**Funding:** Responsible Party  
**Latitude:** 38.43156111  
**Longitude:** -122.7213028  
**APN:** NONE SPECIFIED  
**Past Use:** MANUFACTURING - OTHER  
**Potential COC:** 30025, 30195  
**Confirmed COC:** NONE SPECIFIED  
**Potential Description:** NONE SPECIFIED  
**Alias Name:** 49200002  
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**Alias Name:** 201368  
**Alias Type:** Project Code (Site Code)  
**Alias Name:** POINT ST. GEORGE FISHERIES  
**Alias Type:** Alternate Name

**Completed Info:**  
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### FORMER POINT ST. GEORGE FISHERIES (Continued)

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

**Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.**

**Form ID:** S107027328

---

**80 CITY OF SANTA ROSA PUBLIC WORKS**

**130 WEST THIRD STREET**

**SANTA ROSA, CA 95401**

**ENVIROSTOR:**

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CITY OF SANTA ROSA PUBLIC WORKS (Continued)

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Longitude: -122.7238889
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Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49160001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00
Comments: SITE SCREENING DONE POSS ONSITE CONTAM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-02-18 00:00:00
Comments: FACILITY IDENTIFIED SONOMA COUNTY EH LEAK UG TANK

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

81
MEADOW VIEW ELEMENTARY SCHOOL EXPANSION
SCH S109548372
SSE 2641 DUTTON MEADOW
SCH 2641 DUTTON MEADOW
SANTA ROSA, CA 95407
1/2-1
0.822 mi.
4342 ft.

Relative: Lower
Actual: 122 ft.

Facility ID: 60001076
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: NEAL HUTCHISON
Supervisor: Mark Malinowski
Division Branch: Sacramento
Site Code: 204232
Assembly: 06, 07
Senate: 02, 03
Special Program Status: Not reported
Status: Active

CITY OF SANTA ROSA PUBLIC WORKS (Continued)
### MEADOW VIEW ELEMENTARY SCHOOL EXPANSION (Continued)

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### MEADOW VIEW ELEMENTARY SCHOOL EXPANSION (Continued)

**ENVIROSTOR:**

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<td>02, 03</td>
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**Alias Name:** 204232

**Alias Name:** Project Code (Site Code)

**Alias Name:** 043-072-007

**Alias Name:** APN

**Alias Name:** Meadow View Elementary School Extension

**Alias Name:** Alternate Name

**Alias Name:** 60001076

**Alias Name:** Envirostor ID Number

**Completed Info:**

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Environmental Oversight Agreement Application
- **Completed Date:** 2009-05-18 00:00:00
- **Comments:** Received EOA Application

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Other Report
- **Completed Date:** 2009-05-15 00:00:00
- **Comments:** PM requested a PEA-SSI workplan to complete delineation of the contamination identified in the Phase II report.

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Preliminary Endangerment Assessment Workplan
- **Completed Date:** 2009-10-08 00:00:00
- **Comments:** DTSC approved the PEA workplan.
## MEADOW VIEW ELEMENTARY SCHOOL EXPANSION (Continued)

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### ENVIROSTOR:

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<tr>
<td>Acres</td>
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<td>NPL</td>
<td>NO</td>
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<tr>
<td>Regulatory Agencies</td>
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<tr>
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<tr>
<td>Program Manager</td>
<td>VIRGINIA LASKY</td>
</tr>
<tr>
<td>Supervisor</td>
<td>Karen Toth</td>
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<td>Berkeley</td>
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<td>2</td>
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<tr>
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### REDWOOD CHEMICAL (Continued)

**Completed Info:**
- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Site Screening
- **Completed Date:** 1988-04-25 00:00:00
- **Comments:** SITE SCREENING DONE POSS ONITE CONTAM

**Future Info:**
- **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

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<th>RESIDENCE</th>
<th>Notify 65</th>
<th>S100562408</th>
</tr>
</thead>
<tbody>
<tr>
<td>East</td>
<td>1267 CORBY AVE</td>
<td>SANTA ROSA, CA 95407</td>
<td></td>
</tr>
<tr>
<td>1/2-1</td>
<td>0.853 mi.</td>
<td>4506 ft.</td>
<td>Site 1 of 3 in cluster V</td>
</tr>
<tr>
<td>Relative: Higher</td>
<td>Actual: 149 ft.</td>
<td></td>
<td></td>
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<tr>
<td>Notify 65: Date Reported: 19920729</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Staff Initials: crj</td>
<td></td>
<td></td>
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<tr>
<td>Board File Number: 0TZ920002</td>
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<td>Facility Type: misc</td>
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<td></td>
<td></td>
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<tr>
<td>Discharge Date: Not reported</td>
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<td></td>
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<tr>
<td>Incident Description: Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.</td>
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<td>SANTA ROSA, CA 95407</td>
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</tr>
<tr>
<td>1/2-1</td>
<td>0.853 mi.</td>
<td>4506 ft.</td>
<td>Site 2 of 3 in cluster V</td>
</tr>
<tr>
<td>Relative: Higher</td>
<td>Actual: 149 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notify 65: Date Reported: Not reported</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Staff Initials: Not reported</td>
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<td></td>
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</tr>
<tr>
<td>Board File Number: Not reported</td>
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<tr>
<td>Facility Type: Not reported</td>
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**RESIDENCE (Continued)**

Discharge Date: Not reported
Incident Description: 95407-6112

---

**V85**

**RESIDENCE**

Notify 65

**East**

1267 CORBY AVE

SANTA ROSA, CA 95407

0.853 mi.

Site 3 of 3 in cluster V

Relative: Higher

Actual: 149 ft.

<table>
<thead>
<tr>
<th>Site ID: 4614 ft.</th>
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</thead>
<tbody>
<tr>
<td>ENVIROSTOR</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
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</tbody>
</table>

**CERCLIS**

Site ID: 0901331

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

**CERCLIS Site Contact Name(s):**

- Contact Name: Karen Jurist
  - Contact Tel: (415) 972-3219
  - Contact Title: Site Assessment Manager (SAM)

- Contact Name: Jeff Inglis
  - Contact Tel: (415) 972-3095
  - Contact Title: Site Assessment Manager (SAM)

- Contact Name: Carl Brickner
  - Contact Tel: (415) 972-3814
  - Contact Title: Site Assessment Manager (SAM)

**CERCLIS Site Alias Name(s):**

- Alias Name: C & D BATTERIES DIV OF ELTRA CORP
  - Alias Address: CA

**Site Description:** OCA PER SS PRIORITIZATION DATED 12/96: CHANGE 8/04: NCRWQCB LEAD

**CERCLIS Assessment History:**

- Action: DISCOVERY
  - Date Started: Not reported
  - Date Completed: 08/01/80
  - Priority Level: Not reported

- Action: PRELIMINARY ASSESSMENT
### ELTRA CORP C & D BATTERIES DIV (Continued) 1000109846

**Date Started:** Not reported  
**Date Completed:** 09/01/87  
**Priority Level:** Low priority for further assessment

**Action:** SITE INSPECTION  
**Date Started:** Not reported  
**Date Completed:** 06/17/91  
**Priority Level:** Higher priority for further assessment

**RCRA-SQG:**  
**Date form received by agency:** 09/01/1996  
**Facility name:** C & D BATTERIES DIV OF ELTRA CORP  
**Facility address:** 265 ROBERTS AVE  
**EPA ID:** CAD041651027  
**Mailing address:** P.O. BOXNINETH 999  
**Contact:** Not reported  
**Contact address:** Not reported  
**Contact country:** Not reported  
**Contact telephone:** Not reported  
**Contact email:** Not reported  
**EPA Region:** 09  
**Land type:** Facility is not located on Indian land. Additional information is not known.  
**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:** ELTRA CORPORATION  
**Owner/operator address:** P.O. BOX 1013R  
**Owner/operator country:** CITY NOT REPORTED, NJ 99999  
**Owner/operator telephone:** (201) 455-3441  
**Legal status:** Private  
**Owner/Operator Type:** Operator  
**Owner/Op start date:** Not reported  
**Owner/Op end date:** Not reported

**Owner/operator name:** MARKET WHOLESALE GROCERY COMPANY  
**Owner/operator address:** 3440 MENDOCINO AVENUE  
**Owner/operator country:** SANTA ROSA, CA 95401  
**Owner/operator telephone:** (707) 526-3350  
**Legal status:** Private  
**Owner/Operator Type:** Owner  
**Owner/Op start date:** Not reported  
**Owner/Op end date:** Not reported

**Handler Activities Summary:**  
**U.S. importer of hazardous waste:** Unknown
ELTRA CORP C & D BATTERIES DIV

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

Historical Generators:
Date form received by agency: 08/14/1980
Facility name: C & D BATTERIES DIV OF ELTRA CORP
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/13/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:
Registry ID: 110002644309

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.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

HAZNET:
Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported
ELTRA CORP C & D BATTERIES DIV (Continued)

Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Disposal, Other
Tons: .4587
Facility County: Sonoma

Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Other
Tons: .0075
Facility County: Sonoma

Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Disposal, Other
Tons: .0000
Facility County: Sonoma

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49360004
Site Code: Not reported
Assembly: 7
Senate: 2
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 9/27/1993 0:00
### ELTRA CORP C & D BATTERIES DIV (Continued)

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**Completed Info:**

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Site Screening
- **Completed Date:** 1988-04-22 00:00:00
- **Comments:** SITE SCREENING DONE DHS/PROP65 - SITE CLOSED BUT LETTERS SHOW RUNOFF/SPILLS OCCURRED__(NO DATE)

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Removal Action Completion Report
- **Completed Date:** 1985-01-01 00:00:00
- **Comments:** Not reported

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** De-Certification
- **Completed Date:** 1993-09-27 00:00:00
- **Comments:** Site has been referred to the Regional Water Quality Control Board because additional contamination exists. The site has been "decertified" and the previous cert is considered a removal action.

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Certification
- **Completed Date:** 1985-01-01 00:00:00
- **Comments:** Thirteen (13) cubic yards of contaminated soil removed. as a result of a closure of a surface impoundment under RCRA program. Month and day information for removal action not available. This date was selected because it gives the earliest statute of limitations.

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** * Discovery
- **Completed Date:** 1980-06-13 00:00:00
- **Comments:** FACILITY IDENTIFIED RWQCB COMPLAINT 55-GAL ACID DUMPED

**Future Area Name:** Not reported
**Future Sub Area Name:** Not reported
**Future Document Type:** Not reported
**Future Due Date:** Not reported
ELTRA CORP C & D BATTERIES DIV (Continued)

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

---

W87
SQUARE DEAL AUTO WRECKING
ENVIROSTOR
214 ROBERT AVENUE
1/2-1
SANTA ROSA, CA 95401
0.890 mi.
4697 ft.
Site 2 of 2 in cluster W

Relative: Higher
Actual: 153 ft.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 49500005
Site Code: Not reported
Assembly: 7
Senate: 2
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 10/8/1993 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.43277778
Longitude: -122.7225
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49500005
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Comments: SITE SCREENING DONE AUTO DISMANTLER

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1988-03-04 00:00:00
Comments: FACILITY IDENTIFIED POLK DIR 1958

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
SQUARE DEAL AUTO WRECKING (Continued)

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

88
SE
DUTTON
1/2-1
SANTA ROSA, CA  93582
0.979 mi.
5169 ft.

Relative: Notify 65
Higher
Actual: 134 ft.

Date Reported: Not reported
Notify 65: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582
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<th>Site Name</th>
<th>Site Address</th>
<th>Zip</th>
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<td>HWY 12 &amp; STONY POINT RD</td>
<td>95401</td>
<td>SLIC</td>
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<td>SANTA ROSA CITY / HIGHWAY 12 INTER</td>
<td>HWY 12 &amp; STONY POINT RD</td>
<td>95401</td>
<td>SLIC</td>
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<td>SANTA ROSA</td>
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<td>BURBANK AVE</td>
<td>95407</td>
<td>SLIC</td>
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<td>SANTA ROSA</td>
<td>1004676250</td>
<td>SANTA ROSA CITY / HIGHWAY 12 INTER</td>
<td>LLANO ROAD TO HWY</td>
<td>95401</td>
<td>RCRA-SOG, FINDS</td>
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<td>SANTA ROSA</td>
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<td>BANK OF AMERICA</td>
<td>37 OLD COURT HOUSE SQUARE</td>
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<td>HAZNET</td>
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<td>SANTA ROSA</td>
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<td>REDWOOD HWY</td>
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<td>LUST</td>
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<td>SANTA ROSA</td>
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<td>SANTA ROSA</td>
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<td>SANTA ROSA</td>
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<td>STONY POINT RD</td>
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<tr>
<td>SONOMA COUNTY</td>
<td>M300006443</td>
<td>BODEAN CO., INC.</td>
<td>MARK WEST QUARRY</td>
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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.

| Date of Government Version: 03/31/2010 | Source: EPA |
| Date Data Arrived at EDR: 04/02/2010 | Telephone: N/A |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 07/14/2010 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 10/25/2010 |
| Date Made Active in Reports: 04/12/2010 | Data Release Frequency: Quarterly |

**NPL Site Boundaries**

**Sources:**

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

- EPA Region 1
  - Telephone 617-918-1143
  - EPA Region 6
  - Telephone: 214-655-6659

- EPA Region 3
  - Telephone 215-814-5418
  - EPA Region 7
  - Telephone: 913-551-7247

- EPA Region 4
  - Telephone 404-562-8033
  - EPA Region 8
  - Telephone: 303-312-6774

- EPA Region 5
  - Telephone 312-886-6686
  - EPA Region 9
  - Telephone: 415-947-4246

- EPA Region 10
  - Telephone 206-553-8665

**Proposed NPL:** Proposed National Priority List Sites

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

| Date of Government Version: 03/31/2010 | Source: EPA |
| Date Data Arrived at EDR: 04/02/2010 | Telephone: N/A |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 07/14/2010 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 10/25/2010 |
| Date Made Active in Reports: 04/12/2010 | 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.

| Date of Government Version: 10/15/1991 | Source: EPA |
| Date Data Arrived at EDR: 02/02/1994 | Telephone: 202-564-4267 |
| Date Made Active in Reports: 03/30/1994 | Last EDR Contact: 05/17/2010 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 08/30/2010 |
| Date Made Active in Reports: 04/12/2010 | 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: 03/31/2010  Source: EPA
Date Data Arrived at EDR: 04/02/2010  Telephone: N/A
Date Made Active in Reports: 04/12/2010  Last EDR Contact: 07/14/2010
Number of Days to Update: 10  Next Scheduled EDR Contact: 10/25/2010
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: 01/29/2010  Source: EPA
Date Data Arrived at EDR: 02/09/2010  Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010  Last EDR Contact: 07/12/2010
Number of Days to Update: 62  Next Scheduled EDR Contact: 10/11/2010
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's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009  Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010  Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010  Last EDR Contact: 07/21/2010
Number of Days to Update: 26  Next Scheduled EDR Contact: 10/25/2010
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: 06/23/2009  Source: EPA
Date Data Arrived at EDR: 09/02/2009  Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009  Last EDR Contact: 07/12/2010
Number of Days to Update: 19  Next Scheduled EDR Contact: 10/25/2010
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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Protection Agency</th>
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<tr>
<td>Date Data Arrived at EDR</td>
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<td>Data Release Frequency</td>
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**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.

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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.

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<td>Date Data Arrived at EDR</td>
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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.

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<td>Data Release Frequency</td>
<td>Varies</td>
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</table>
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: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
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: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
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: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 06/16/2010
Date Data Arrived at EDR: 06/17/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 20
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/17/2010
Next Scheduled EDR Contact: 08/23/2010
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.
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.

State and tribal leaking storage tank lists

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.

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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.

LUST REG 5: Leaking Underground Storage Tank Database
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.

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

LUST REG 2: Fuel Leak List

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.

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.

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.
**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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: California Regional Water Quality Control Board Santa Ana Region (8)</th>
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<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 909-782-4496</td>
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<tr>
<th>SLIC REG 1: Active Toxic Site Investigations</th>
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Date of Government Version: 06/22/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/23/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Varies

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<th>SLIC REG 2: Spills, Leaks, Investigation &amp; Cleanup Cost Recovery Listing</th>
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Date of Government Version: 04/30/2003
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: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: No Update Planned

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<th>SLIC REG 3: Spills, Leaks, Investigation &amp; Cleanup Cost Recovery Listing</th>
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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: 06/21/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Quarterly

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<th>SLIC REG 4: Spills, Leaks, Investigation &amp; Cleanup Cost Recovery Listing</th>
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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: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

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<th>SLIC REG 5: Spills, Leaks, Investigation &amp; Cleanup Cost Recovery Listing</th>
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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: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

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<th>SLIC REG 6: Spills, Leaks, Investigation &amp; Cleanup Cost Recovery Listing</th>
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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: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

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<th>SLIC REG 7: Spills, Leaks, Investigation &amp; Cleanup Cost Recovery Listing</th>
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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: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies
**SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

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

<table>
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<tr>
<th>Date of Government Version: 05/24/2005</th>
<th>Source: Regional Water Quality Control Board, Victorville Branch</th>
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<tbody>
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<td>Date Data Arrived at EDR: 05/25/2005</td>
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<td>Date Made Active in Reports: 06/16/2005</td>
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<td>Number of Days to Update: 22</td>
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<td>Data Release Frequency: Semi-Annually</td>
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**SLIC REG 6L: SLIC Sites**

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

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<tr>
<th>Date of Government Version: 09/07/2004</th>
<th>Source: California Regional Water Quality Control Board, Lahontan Region</th>
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<tr>
<td>Date Data Arrived at EDR: 09/07/2004</td>
<td>Telephone: 530-542-5574</td>
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**SLIC REG 7: SLIC List**

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

<table>
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<tr>
<th>Date of Government Version: 11/24/2004</th>
<th>Source: California Regional Quality Control Board, Colorado River Basin Region</th>
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**SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

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

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<tr>
<th>Date of Government Version: 04/03/2008</th>
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**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.

<table>
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<tr>
<th>Date of Government Version: 09/10/2007</th>
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<td>Data Release Frequency: Annually</td>
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**INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land**

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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 05/19/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 80
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/27/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

State and tribal registered storage tank lists

TC2839355.2s   Page GR-9
UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

- Date of Government Version: 06/22/2010
- Date Data Arrived at EDR: 06/23/2010
- Date Made Active in Reports: 07/09/2010
- Number of Days to Update: 16
- Next Scheduled EDR Contact: 10/04/2010
- Data Release Frequency: Semi-Annually

Source: SWRCB
Telephone: 916-480-1028

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
- Next Scheduled EDR Contact: 10/25/2010
- Data Release Frequency: Quarterly

Source: State Water Resources Control Board
Telephone: 916-341-5712

INDIAN UST R10: Underground Storage Tanks on Indian Land

- Date of Government Version: 05/04/2010
- Date Data Arrived at EDR: 05/05/2010
- Date Made Active in Reports: 05/27/2010
- Number of Days to Update: 22
- Next Scheduled EDR Contact: 11/15/2010
- Data Release Frequency: Quarterly

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

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: 05/27/2010
- Date Data Arrived at EDR: 05/28/2010
- Date Made Active in Reports: 08/09/2010
- Number of Days to Update: 73
- Next Scheduled EDR Contact: 11/15/2010
- Data Release Frequency: Quarterly

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

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: 05/24/2010
- Date Data Arrived at EDR: 05/27/2010
- Date Made Active in Reports: 08/09/2010
- Number of Days to Update: 74
- Next Scheduled EDR Contact: 11/15/2010
- Data Release Frequency: Quarterly

Source: EPA Region 8
Telephone: 303-312-6137

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: 04/01/2008
- Date Data Arrived at EDR: 12/30/2008
- Date Made Active in Reports: 03/16/2009
- Number of Days to Update: 76
- Next Scheduled EDR Contact: 08/16/2010
- Data Release Frequency: Varies

Source: EPA Region 7
Telephone: 913-551-7003

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).
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: 02/11/2010
- Date Data Arrived at EDR: 02/11/2010
- Date Made Active in Reports: 04/12/2010
- Number of Days to Update: 60
- Source: EPA Region 5
- Telephone: 312-886-6136
- Last EDR Contact: 08/02/2010
- Next Scheduled EDR Contact: 11/15/2010
- 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: 05/19/2010
- Date Data Arrived at EDR: 05/21/2010
- Date Made Active in Reports: 08/09/2010
- Number of Days to Update: 80
- Source: EPA Region 4
- Telephone: 404-562-9424
- Last EDR Contact: 08/02/2010
- Next Scheduled EDR Contact: 11/15/2010
- 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: 02/19/2009
- Date Data Arrived at EDR: 02/19/2009
- Date Made Active in Reports: 03/16/2009
- Number of Days to Update: 25
- Source: EPA, Region 1
- Telephone: 617-918-1313
- Last EDR Contact: 08/02/2010
- Next Scheduled EDR Contact: 11/15/2010
- 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
- Date Data Arrived at EDR: 02/16/2010
- Date Made Active in Reports: 04/12/2010
- Number of Days to Update: 55
- Source: FEMA
- Telephone: 202-646-5797
- Last EDR Contact: 07/19/2010
- Next Scheduled EDR Contact: 11/01/2010
- 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
- Last EDR Contact: 04/20/2009
- 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.
IN INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

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.

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.
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
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 14

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 04/09/2010
Number of Days to Update: 30

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
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.

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Quarterly

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. It has been replaced by ENVIROSTOR.
### 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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/31/1994</td>
<td>CSWRC</td>
<td>916-341-5851</td>
<td>09/05/1995</td>
<td>09/29/1995</td>
<td>24</td>
<td>N/A</td>
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<td>08/08/2005</td>
<td>DTSC</td>
<td>916-323-3400</td>
<td>08/03/2006</td>
<td>08/24/2006</td>
<td>21</td>
<td>N/A</td>
<td>No Update Planned</td>
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</table>

### 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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

### 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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

### 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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

### US HIST CDL: National Clandestine Laboratory Register

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
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<tbody>
<tr>
<td>09/01/2007</td>
<td>DEA</td>
<td>202-307-1000</td>
<td>03/30/2009</td>
<td>03/04/2010</td>
<td>131</td>
<td>06/22/2009</td>
<td>No Update Planned</td>
</tr>
</tbody>
</table>
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: 06/07/2010
Number of Days to Update: 8 Next Scheduled EDR Contact: 09/20/2010
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: 05/06/2010 Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/11/2010 Telephone: 202-564-6023
Date Made Active in Reports: 08/09/2010 Last EDR Contact: 08/02/2010
Number of Days to Update: 90 Next Scheduled EDR Contact: 11/15/2010
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 Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006 Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007 Last EDR Contact: 05/24/2010
Number of Days to Update: 31 Next Scheduled EDR Contact: 09/06/2010
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: 05/05/2010 Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/07/2010 Telephone: 916-323-3400
Date Made Active in Reports: 05/18/2010 Last EDR Contact: 07/19/2010
Number of Days to Update: 11 Next Scheduled EDR Contact: 11/01/2010
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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Toxic Substances Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 916-323-3400</td>
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<td>Date Made Active in Reports</td>
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<td>Next Scheduled EDR Contact: 06/15/2010</td>
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<tr>
<td></td>
<td>Data Release Frequency: Semi-Annually</td>
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</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: U.S. Department of Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 202-366-4555</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 07/09/2010</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 10/18/2010</td>
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<tr>
<td></td>
<td>Data Release Frequency: Annually</td>
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</tbody>
</table>

CHMIRS: California Hazardous Material Incident Reporting System

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Office of Emergency Services</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 916-845-8400</td>
</tr>
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<td>Date Made Active in Reports</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 11/15/2010</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Varies</td>
</tr>
</tbody>
</table>

LDS: Land Disposal Sites Listing

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: State Water Quality Control Board</th>
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</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 866-480-1028</td>
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<td>Date Made Active in Reports</td>
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</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: State Water Resources Control Board</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 10/04/2010</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
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</table>

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

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62
Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/16/2010
Next Scheduled EDR Contact: 09/27/2010
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: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

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

Date of Government Version: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/16/2010
Next Scheduled EDR Contact: 09/27/2010
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: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Varies

MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68
Last EDR Contact: 06/09/2010
Next Scheduled EDR Contact: 09/20/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36
Last EDR Contact: 06/04/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Annually

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
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  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007  Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007  Last EDR Contact: 12/17/2007
Number of Days to Update: 40  Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INS: 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  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007  Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007  Last EDR Contact: 12/17/2008
Number of Days to Update: 40  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: 12/31/2008  Source: EPA
Date Data Arrived at EDR: 01/06/2010  Telephone: 202-564-4203
Date Made Active in Reports: 02/10/2010  Last EDR Contact: 08/03/2010
Number of Days to Update: 35  Next Scheduled EDR Contact: 11/15/2010
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: 04/24/2010  Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/29/2010  Telephone: 202-564-5088
Date Made Active in Reports: 05/17/2010  Last EDR Contact: 06/25/2010
Number of Days to Update: 18  Next Scheduled EDR Contact: 10/11/2010
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: 02/01/2010  Source: EPA
Date Data Arrived at EDR: 04/22/2010  Telephone: 202-566-0500
Date Made Active in Reports: 08/09/2010  Last EDR Contact: 07/30/2010
Number of Days to Update: 109  Next Scheduled EDR Contact: 11/01/2010
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: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51
Next Scheduled EDR Contact: 09/27/2010
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: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 26
Next Scheduled EDR Contact: 10/25/2010
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: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41
Next Scheduled EDR Contact: 09/27/2010
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: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76
Next Scheduled EDR Contact: 09/06/2010
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

CA WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/21/2010
Date Data Arrived at EDR: 05/25/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 43
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 04/05/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 41
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

HIST CORTESE: 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 [CALSITES].

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
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 upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/22/2009
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 4
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 09/27/2010
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: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 12/31/2008
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 10/28/2009
Number of Days to Update: 7
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
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: 12/31/2007
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 9
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/11/2010
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: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies
PROC: Certified Processors Database
A listing of certified processors.
Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 14
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/24/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Quarterly

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.
Date of Government Version: 05/27/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 23
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.
Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Quarterly

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.
Date of Government Version: 04/21/2010
Date Data Arrived at EDR: 04/21/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 27
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.
Date of Government Version: 05/11/2010
Date Data Arrived at EDR: 05/12/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 6
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINANCIAL ASSURANCE: Financial Assurance Information Listing
Financial Assurance information
Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 05/05/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.
Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/10/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records
Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.
Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned
COUNTY RECORDS

ALAMEDA COUNTY:

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

Date of Government Version: 04/12/2010  
Date Data Arrived at EDR: 04/14/2010  
Date Made Active in Reports: 05/18/2010  
Number of Days to Update: 34

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/07/2010  
Next Scheduled EDR Contact: 10/18/2010  
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 04/12/2010  
Date Data Arrived at EDR: 04/14/2010  
Date Made Active in Reports: 05/18/2010  
Number of Days to Update: 34

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/07/2010  
Next Scheduled EDR Contact: 10/18/2010  
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: 05/24/2010  
Date Data Arrived at EDR: 05/25/2010  
Date Made Active in Reports: 07/07/2010  
Number of Days to Update: 43

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 08/09/2010  
Next Scheduled EDR Contact: 11/22/2010  
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

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

Date of Government Version: 04/15/2010  
Date Data Arrived at EDR: 04/16/2010  
Date Made Active in Reports: 05/18/2010  
Number of Days to Update: 32

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 07/19/2010  
Next Scheduled EDR Contact: 11/01/2010  
Data Release Frequency: Semi-Annually

KERN COUNTY:

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

Date of Government Version: 06/24/2010  
Date Data Arrived at EDR: 06/24/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 15

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 06/24/2010  
Next Scheduled EDR Contact: 08/30/2010  
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
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.
Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 35
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.
Date of Government Version: 04/23/2010
Date Data Arrived at EDR: 04/26/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 22
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Semi-Annually

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.
Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 06/18/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.
Date of Government Version: 02/09/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 20
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Semi-Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.
Date of Government Version: 04/28/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 19
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.
Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Annually
City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/19/2010  Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/21/2010  Telephone: 310-618-2973
Date Made Active in Reports: 05/18/2010  Last EDR Contact: 07/19/2010
Number of Days to Update: 27  Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 04/19/2010  Source: Public Works Department Waste Management
Date Data Arrived at EDR: 04/30/2010  Telephone: 415-499-6647
Date Made Active in Reports: 05/18/2010  Last EDR Contact: 07/12/2010
Number of Days to Update: 18  Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008  Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 07/09/2008  Telephone: 707-253-4269
Date Made Active in Reports: 07/31/2008  Last EDR Contact: 06/07/2010
Number of Days to Update: 22  Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008  Telephone: 707-253-4269
Date Made Active in Reports: 02/08/2008  Last EDR Contact: 06/07/2010
Number of Days to Update: 23  Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/05/2010  Source: Health Care Agency
Date Data Arrived at EDR: 05/21/2010  Telephone: 714-834-3446
Date Made Active in Reports: 07/07/2010  Last EDR Contact: 05/18/2010
Number of Days to Update: 47  Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/05/2010  Source: Health Care Agency
Date Data Arrived at EDR: 05/21/2010  Telephone: 714-834-3446
Date Made Active in Reports: 07/07/2010  Last EDR Contact: 05/18/2010
Number of Days to Update: 47  Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly
### List of Underground Storage Tank Facilities

**Orange County Underground Storage Tank Facilities (UST).**
- **Date of Government Version:** 02/03/2010
- **Date Data Arrived at EDR:** 02/12/2010
- **Date Made Active in Reports:** 02/23/2010
- **Number of Days to Update:** 11
- **Source:** Health Care Agency
- **Telephone:** 714-834-3446
- **Last EDR Contact:** 05/28/2010
- **Next Scheduled EDR Contact:** 08/30/2010
- **Data Release Frequency:** Quarterly

### PLACER COUNTY:

**Master List of Facilities**
List includes aboveground tanks, underground tanks and cleanup sites.
- **Date of Government Version:** 06/22/2010
- **Date Data Arrived at EDR:** 06/24/2010
- **Date Made Active in Reports:** 07/09/2010
- **Number of Days to Update:** 15
- **Source:** Placer County Health and Human Services
- **Telephone:** 530-889-7312
- **Last EDR Contact:** 06/14/2010
- **Next Scheduled EDR Contact:** 09/27/2010
- **Data Release Frequency:** Semi-Annually

### RIVERSIDE COUNTY:

**Listing of Underground Tank Cleanup Sites**
- **Date of Government Version:** 04/19/2010
- **Date Data Arrived at EDR:** 04/19/2010
- **Date Made Active in Reports:** 05/18/2010
- **Number of Days to Update:** 29
- **Source:** Department of Public Health
- **Telephone:** 951-358-5055
- **Last EDR Contact:** 07/07/2010
- **Next Scheduled EDR Contact:** 10/11/2010
- **Data Release Frequency:** Quarterly

**Underground Storage Tank Tank List**
Underground storage tank sites located in Riverside county.
- **Date of Government Version:** 04/19/2010
- **Date Data Arrived at EDR:** 04/19/2010
- **Date Made Active in Reports:** 05/18/2010
- **Number of Days to Update:** 29
- **Source:** Health Services Agency
- **Telephone:** 951-358-5055
- **Last EDR Contact:** 07/07/2010
- **Next Scheduled EDR Contact:** 10/11/2010
- **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:** 04/01/2010
- **Date Data Arrived at EDR:** 04/15/2010
- **Date Made Active in Reports:** 05/18/2010
- **Number of Days to Update:** 33
- **Source:** Sacramento County Environmental Management
- **Telephone:** 916-875-8406
- **Last EDR Contact:** 07/22/2010
- **Next Scheduled EDR Contact:** 10/25/2010
- **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:** 03/03/2010
- **Date Data Arrived at EDR:** 04/16/2010
- **Date Made Active in Reports:** 05/18/2010
- **Number of Days to Update:** 32
- **Source:** Sacramento County Environmental Management
- **Telephone:** 916-875-8406
- **Last EDR Contact:** 07/22/2010
- **Next Scheduled EDR Contact:** 10/25/2010
- **Data Release Frequency:** Quarterly

### SAN BERNARDINO COUNTY:
Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/09/2010  
Date Data Arrived at EDR: 06/11/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 28

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 05/17/2010  
Next Scheduled EDR Contact: 08/30/2010  
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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

Date of Government Version: 07/16/2008  
Date Data Arrived at EDR: 10/29/2008  
Date Made Active in Reports: 11/26/2008  
Number of Days to Update: 28

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 06/23/2010  
Next Scheduled EDR Contact: 09/27/2010  
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 12/04/2009  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 45

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 08/02/2010  
Next Scheduled EDR Contact: 11/15/2010  
Data Release Frequency: Varies

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

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 06/15/2010  
Next Scheduled EDR Contact: 09/27/2010  
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

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

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 05/17/2010  
Next Scheduled EDR Contact: 08/30/2010  
Data Release Frequency: Quarterly
Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

SAN JOAQUIN COUNTY:
San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

SAN MATEO COUNTY:
Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

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

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.

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.
Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009  Source: City of San Jose Fire Department
Date Data Arrived at EDR: 08/31/2009  Telephone: 408-535-7694
Date Made Active in Reports: 09/18/2009  Last EDR Contact: 06/14/2010
Number of Days to Update: 18  Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/07/2010  Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 06/22/2010  Telephone: 707-784-6770
Date Made Active in Reports: 07/09/2010  Last EDR Contact: 06/07/2010
Number of Days to Update: 17  Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 06/07/2010  Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 06/23/2010  Telephone: 707-784-6770
Date Made Active in Reports: 07/09/2010  Last EDR Contact: 03/08/2010
Number of Days to Update: 16  Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Quarterly

SONOMA COUNTY:

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

Date of Government Version: 04/06/2010  Source: Department of Health Services
Date Data Arrived at EDR: 04/07/2010  Telephone: 707-565-6565
Date Made Active in Reports: 05/18/2010  Last EDR Contact: 07/07/2010
Number of Days to Update: 41  Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

SUTTER COUNTY:

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

Date of Government Version: 04/01/2009  Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 04/02/2009  Telephone: 530-822-7500
Date Made Active in Reports: 04/09/2009  Last EDR Contact: 07/14/2010
Number of Days to Update: 7  Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.
<table>
<thead>
<tr>
<th>Inventory of Illegal Abandoned and Inactive Sites</th>
<th>Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Government Version: 08/01/2009</td>
<td>Source: Environmental Health Division</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 10/05/2009</td>
<td>Telephone: 805-654-2813</td>
</tr>
<tr>
<td>Date Made Active in Reports: 10/13/2009</td>
<td>Last EDR Contact: 08/02/2010</td>
</tr>
<tr>
<td>Number of Days to Update: 8</td>
<td>Next Scheduled EDR Contact: 11/15/2010</td>
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<tr>
<td>Data Release Frequency: Annually</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Listing of Underground Tank Cleanup Sites</th>
<th>Ventura County Underground Storage Tank Cleanup Sites (LUST).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Government Version: 05/29/2008</td>
<td>Source: Environmental Health Division</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 06/24/2008</td>
<td>Telephone: 805-654-2813</td>
</tr>
<tr>
<td>Date Made Active in Reports: 07/31/2008</td>
<td>Last EDR Contact: 05/24/2010</td>
</tr>
<tr>
<td>Number of Days to Update: 37</td>
<td>Next Scheduled EDR Contact: 09/06/2010</td>
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<td>Data Release Frequency: Quarterly</td>
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<table>
<thead>
<tr>
<th>Underground Tank Closed Sites List</th>
<th>Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Government Version: 05/26/2010</td>
<td>Source: Environmental Health Division</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 06/24/2010</td>
<td>Telephone: 805-654-2813</td>
</tr>
<tr>
<td>Date Made Active in Reports: 07/09/2010</td>
<td>Last EDR Contact: 06/24/2010</td>
</tr>
<tr>
<td>Number of Days to Update: 15</td>
<td>Next Scheduled EDR Contact: 10/04/2010</td>
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<tr>
<td>Data Release Frequency: Quarterly</td>
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</table>

<table>
<thead>
<tr>
<th>YOLO COUNTY:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Underground Storage Tank Comprehensive Facility Report</td>
<td>Underground storage tank sites located in Yolo county.</td>
</tr>
<tr>
<td>Date of Government Version: 04/07/2010</td>
<td>Source: Yolo County Department of Health</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 04/13/2010</td>
<td>Telephone: 530-666-8646</td>
</tr>
<tr>
<td>Date Made Active in Reports: 05/18/2010</td>
<td>Last EDR Contact: 07/19/2010</td>
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<tr>
<td>Number of Days to Update: 35</td>
<td>Next Scheduled EDR Contact: 10/11/2010</td>
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<td>Data Release Frequency: Annually</td>
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</table>

**OTHER DATABASE(S)**

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

**CT MANIFEST: Hazardous Waste Manifest Data**

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

| Date of Government Version: 12/31/2007           | Source: Department of Environmental Protection                            |
| Date Data Arrived at EDR: 08/26/2009             | Telephone: 860-424-3375                                                   |
| Date Made Active in Reports: 09/11/2009          | Last EDR Contact: 06/04/2010                                              |
| Number of Days to Update: 16                     | Next Scheduled EDR Contact: 09/06/2010                                    |
| 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 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5’ Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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

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

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

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

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

**FEMA FLOOD ZONE**

- Target Property County: SONOMA, CA
- FEMA Flood Electronic Data
- Flood Plain Panel at Target Property: 06097C - FEMA DFIRM Flood data
- Additional Panels in search area: Not Reported

**NATIONAL WETLAND INVENTORY**

- NWI Quad at Target Property: SANTA ROSA
- NWI Electronic Data Coverage
- YES - refer to the Overview Map and Detail Map

**HYDROGEOLOGIC INFORMATION**

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

**Site-Specific Hydrogeological Data**: 
- Search Radius: 1.25 miles
- Location Relative to TP: 1/4 - 1/2 Mile NNW
- Site Name: Almetco
- Site EPA ID Number: CAD983644956
- Groundwater Flow Direction: GENERALLY SW TOWARD THE LAGUNA DE SANTA ROSA.
- Inferred Depth to Water: less than 15 feet.
- Hydraulic Connection: The site is underlain by deposits consisting of fine sands, silts, clays, coarse sands, and gravels to a depth of 200 feet. The shallow water table and lower aquifers are interconnected through numerous irrigation wells screened in both aquifers.
- Sole Source Aquifer: No information about a sole source aquifer is available
- Data Quality: Information is inferred in the CERCLIS investigation report(s)

**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>
</table>

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

TC2839355.2a Page A-3
### GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION</th>
<th>GENERAL DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1/4 - 1/2 Mile NNE</td>
<td>SW</td>
</tr>
<tr>
<td>3</td>
<td>1/4 - 1/2 Mile NW</td>
<td>SW</td>
</tr>
<tr>
<td>5</td>
<td>1/4 - 1/2 Mile NW</td>
<td>WSW</td>
</tr>
<tr>
<td>10</td>
<td>1/2 - 1 Mile North</td>
<td>Not Reported</td>
</tr>
<tr>
<td>C11</td>
<td>1/2 - 1 Mile NE</td>
<td>NW</td>
</tr>
<tr>
<td>C12</td>
<td>1/2 - 1 Mile NE</td>
<td>NW</td>
</tr>
<tr>
<td>13</td>
<td>1/2 - 1 Mile East</td>
<td>Varies</td>
</tr>
<tr>
<td>14</td>
<td>1/2 - 1 Mile NE</td>
<td>NW</td>
</tr>
<tr>
<td>15</td>
<td>1/2 - 1 Mile NW</td>
<td>Varies</td>
</tr>
<tr>
<td>D17</td>
<td>1/2 - 1 Mile SE</td>
<td>Varies</td>
</tr>
<tr>
<td>D18</td>
<td>1/2 - 1 Mile SE</td>
<td>Not Reported</td>
</tr>
</tbody>
</table>

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

<table>
<thead>
<tr>
<th>Era:</th>
<th>System:</th>
<th>Series:</th>
<th>Code:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cenozoic</td>
<td>Quaternary</td>
<td>Quaternary</td>
<td>Q</td>
</tr>
</tbody>
</table>

GEOLOGIC AGE IDENTIFICATION
Category: Stratified Sequence

SSURGO SOIL MAP - 2839355.2s

- Target Property
- SSURGO Soil
- Water

SITE NAME: Exchange Bank
ADDRESS: 1027 McMinn Avenue
          Santa Rosa CA 95407
LAT/LONG: 38.4246 / 122.7334

CLIENT: Harrfs & Lee Env. Sciences
CONTACT: Bob Harris
INQUIRY #: 2839355.2s
DATE: August 10, 2010 7:07 pm
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: YOLO
Soil Surface Texture: clay loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained
Hydric Status: Not hydric
Corrosion Potential - Uncoated Steel: Low
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>Boundary</strong></td>
</tr>
<tr>
<td>Layer</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

Soil Map ID: 2

Soil Component Name: ZAMORA
Soil Surface Texture: silty clay loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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>---</td>
</tr>
<tr>
<td>1</td>
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<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
</tbody>
</table>

Soil Map ID: 3

Soil Component Name: WRIGHT

Soil Surface Texture: loam

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

Soil Drainage Class: Somewhat poorly drained
Hydric Status: Not 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>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>AASHTO Group</th>
<th>Unified Soil</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>7 inches</td>
<td>loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 4 Min: 1.4</td>
<td>Max: 7.3 Min: 6.1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>25 inches</td>
<td>loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 4 Min: 1.4</td>
<td>Max: 7.3 Min: 6.1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>25 inches</td>
<td>61 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 4 Min: 1.4</td>
<td>Max: 7.3 Min: 6.1</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>61 inches</td>
<td>72 inches</td>
<td>sandy clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 4 Min: 1.4</td>
<td>Max: 7.3 Min: 6.1</td>
<td></td>
</tr>
</tbody>
</table>

Soil Map ID: 4

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

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

Soil Drainage Class: Poorly drained
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All 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 38 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.</td>
<td>Max: 1.4 Min: 0.42</td>
</tr>
<tr>
<td>2</td>
<td>38 inches 59 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.</td>
<td>Max: 1.4 Min: 0.42</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>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</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>B8</td>
<td>USGS3236591</td>
<td>1/4 - 1/2 Mile SW</td>
</tr>
</tbody>
</table>

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TC2839355.2s  Page A-10
## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No PWS System Found</td>
</tr>
</tbody>
</table>

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

## STATE DATABASE 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>7416</td>
<td>0 - 1/8 Mile N(NW)</td>
</tr>
<tr>
<td>A4</td>
<td>7413</td>
<td>1/4 - 1/2 Mile NE</td>
</tr>
<tr>
<td>A6</td>
<td>7414</td>
<td>1/4 - 1/2 Mile NE</td>
</tr>
<tr>
<td>B7</td>
<td>CADW400000039506</td>
<td>1/4 - 1/2 Mile SW</td>
</tr>
<tr>
<td>9</td>
<td>7417</td>
<td>1/2 - 1 Mile SSE</td>
</tr>
<tr>
<td>16</td>
<td>7420</td>
<td>1/2 - 1 Mile W(NW)</td>
</tr>
<tr>
<td>E19</td>
<td>CADW400000039514</td>
<td>1/2 - 1 Mile E(SE)</td>
</tr>
<tr>
<td>E20</td>
<td>7412</td>
<td>1/2 - 1 Mile E(SE)</td>
</tr>
<tr>
<td>21</td>
<td>CADW400000039543</td>
<td>1/2 - 1 Mile NW</td>
</tr>
</tbody>
</table>
### Water System Information:

1. **Prime Station Code:** 07N/08W-27F02 M  
   **User ID:** RXR  
   **District Number:** 03  
   **Water Type:** Well/Groundwater  
   **Source Lat/Long:** 382535.0 1224358.0  
   **System Number:** 4900764  
   **System Name:** SUNSET APARTMENTS  
   **Organization That Operates System:** Cottage Apartments  
   **Area Served:** Not Reported  
   **Pop Served:** 75  
   **Connections:** 20  
   **Date:** 01/28/1994  
   **Average Water Depth:** Not Reported  
   **Deep Water Depth:** 11.44  
   **Shallow Water Depth:** 11.34  
   **Groundwater Flow:** SW  
   **Site ID:** 3  
   **Elevation:** Not Reported  
   **EDR ID Number:** 71013

2. **Prime Station Code:** 07N/08W-27A07 M  
   **User ID:** RXR  
   **District Number:** 03  
   **Water Type:** Well/Groundwater  
   **Source Lat/Long:** 382541.0 1224337.0  
   **System Number:** 4900914  
   **System Name:** Cottage Apartments  
   **Organization That Operates System:** 16 Brookside  
   **Area Served:** Not Reported  
   **Pop Served:** 80  
   **Connections:** 39  
   **Date:** 01/28/1994  
   **Average Water Depth:** Not Reported  
   **Deep Water Depth:** Not Reported  
   **Shallow Water Depth:** Not Reported  
   **Groundwater Flow:** SW  
   **Site ID:** 2  
   **Elevation:** Not Reported  
   **EDR ID Number:** 71019
GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation
Database
EDR ID Number

5
NW
1/4 - 1/2 Mile
Higher

Site ID: Not Reported
Groundwater Flow: WSW
Shallow Water Depth: 12
Deep Water Depth: 18
Average Water Depth: Not Reported
Date: 08/1992

Water System Information:
Prime Station Code: 07N/08W-27A08 M
FRDS Number: 4900889001
District Number: 03
Water Type: Well/Groundwater
Source Lat/Long: 382543.0 1224335.0
Source Name: WELL 01
System Number: 4900889
System Name: Avalon Apartments
Organization That Operates System: 60 Palm Way
Santa Rosa, CA 94941
Pop Served: 100
Connections: 24
Sample Collected: 01/22/2006
Chemical: GROSS ALPHA COUNTING ERROR
Findings: .914 PCI/L
Sample Collected: 02/22/2006
Chemical: MANGANESE
Findings: 620 UG/L
Sample Collected: 02/22/2006
Chemical: NITRATE (AS NO3)
Findings: 13 MG/L
Sample Collected: 03/22/2006
Chemical: MANGANESE
Findings: 790 UG/L

A6
NE
1/4 - 1/2 Mile
Higher

CA WELLS
7414

Date: 08/1992
Average Water Depth: Not Reported
Deep Water Depth: 18
Shallow Water Depth: 12
Groundwater Flow: WSW
Source Lat/Long: 382543.0 1224335.0
Station Type: WELL/AMBNT/MUN/INTAKE
Well Status: Active Raw
Precision: 100 Feet (one Second)

B7
SW
1/4 - 1/2 Mile
Lower

CA WELLS
CADW40000039506

Longitude: -122.7386
Latitude: 38.4197
Stwellno: 07N08W27N002M
Districtco: 7
Welluseco: H
Countyco: 49
Gwocode: 101801
Site id: CADW40000039506

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WELL 01

Source Name:

100 Feet (one Second) Precision: 382503.0 1224345.0

Source Lat/Long:

Active Raw Well Status: Well/Groundwater Water Type:

Station Type: 03 District Number:

Sonoma County: 4900834001

FRDS Number:

07N008W27N002M

Latitude: 382509 Dec lat: 38.41907927

Longitude: 1224417 Dec lon: -122.73915455

Coor accr: F Latlong datum: NAD83

Dec latlong datum: NAD83 District: 06

State: 06 County: 097

Country: US Land net: NESWSWS 27T 07NR 08WM

Location map: SANTA ROSA Map scale: 24000

Altitude: 116

Altitude method: Interpolated from topographic map

Altitude accuracy: 10

Altitude datum: National Geodetic Vertical Datum of 1929

Hydrologic: Russian, California. Area = 1470 sq.mi.

Topographic: Valley flat

Site type: Ground-water other than Spring Date inventoried: Not Reported

Date construction: 19730627 Mean greenwich time offset: PST

Local standard time flag: Y

Type of ground water site: Single well, other than collector or Ranney type

Aquifer Type: Not Reported

Aquifer: Not Reported

Well depth: 65.0 Hole depth: Not Reported

Source of depth data: Not Reported

Project number: CA-9-358M

Real time data flag: 0

Daily flow data end date: 0000-00-00 Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00 Peak flow data begin date: 0000-00-00

Peak flow data count: 0 Water quality data begin date: 0000-00-00

Water quality data count: 0

Ground water data begin date: 1973-06-27 Ground water data end date: 1973-06-27

Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Feet below Surface Feet to Sealevel

1973-06-27 18.00

---

Water System Information:

Prime Station Code: 07N08W-27G02 M User ID: RXR

FRDS Number: 4900834001 County: Sonoma

District Number: 03 Station Type: WELL/AMBNT/MUN/INTAKE

Water Type: Well/Groundwater Well Status: Active Raw

Source Lat/Long: 382503.0 1224345.0 Precision: 100 Feet (one Second)
<table>
<thead>
<tr>
<th>Site ID</th>
<th>Location</th>
<th>Groundwater Flow</th>
<th>Shallow Water Depth</th>
<th>Deep Water Depth</th>
<th>Average Water Depth</th>
<th>Date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>North</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>15.5</td>
<td>12/12/997</td>
<td>AQUIFLOW 70976</td>
</tr>
<tr>
<td>C11</td>
<td>NE</td>
<td>Not Reported</td>
<td>NW</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>10/16/991</td>
<td>AQUIFLOW 70978</td>
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<tr>
<td>C12</td>
<td>NE</td>
<td>Not Reported</td>
<td>NW</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>07/05/991</td>
<td>AQUIFLOW 71016</td>
</tr>
<tr>
<td>13</td>
<td>East</td>
<td>Not Reported</td>
<td>Varies</td>
<td>6.80</td>
<td>13.73</td>
<td>08/16/994</td>
<td>AQUIFLOW 54553</td>
</tr>
<tr>
<td>14</td>
<td>NE</td>
<td>Not Reported</td>
<td>NW</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>10/16/991</td>
<td>AQUIFLOW 70282</td>
</tr>
<tr>
<td>15</td>
<td>NW</td>
<td>Not Reported</td>
<td>Varies</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>02/26/993</td>
<td>AQUIFLOW 70913</td>
</tr>
</tbody>
</table>
**Water System Information:**

- **Prime Station Code:** 07N/08W-28B01 M
- **User ID:** RXR
- **FRDS Number:** 4900832001
- **County:** Sonoma
- **District Number:** 03
- **Station Type:** WELL/AMBNT/MUN/INTAKE
- **Water Type:** Well/Groundwater
- **Well Status:** Active Raw
- **Source Lat/Long:** 382540.0 1224449.0
- **Precision:** 1,000 Feet (10 Seconds)
- **Source Name:** WELL 01
- **System Number:** 4900832
- **System Name:** LEISURE MOBILE HOME PARK
- **Organization That Operates System:** 2185 OCCIDENTAL RD SANTA ROSA, CA 95401
- **Pop Served:** 410
- **Connections:** 180
- **Sample Collected:** 12/20/2007
- **Findings:** 10 MG/L
- **Chemical:** NITRATE (AS NO3)
- **Sample Collected:** 09/28/2009
- **Findings:** 1.46 PCI/L
- **Chemical:** GROSS ALPHA COUNTING ERROR
- **Sample Collected:** 09/28/2009
- **Findings:** 1.71 PCI/L
- **Chemical:** GROSS ALPHA MDA95

---

**Water System Information:**

- **Site ID:** Not Reported
- **Groundwater Flow:** Varies
- **Shallow Water Depth:** 8
- **Deep Water Depth:** 12
- **Average Water Depth:** Not Reported
- **Date:** 05/11/1990

**Site ID:** Not Reported
- **Groundwater Flow:** Not Reported
- **Shallow Water Depth:** Not Reported
- **Deep Water Depth:** Not Reported
- **Average Water Depth:** 13
- **Date:** 12/08/1995

---

**Water System Information:**

- **Longitude:** -122.7167
- **Latitude:** 38.4219
- **Stwelling:** 07N08W26L002M
- **Districtco:** 7
- **Welluseco:** H
- **Countyco:** 49
- **Gwcode:** 101801
- **Site id:** CADW40000039514

---

**Water System Information:**

- **Date:** 12/08/1995
- **Average Water Depth:** 13
- **Deep Water Depth:** Not Reported
- **Shallow Water Depth:** Not Reported
- **Groundwater Flow:** Not Reported
- **Site ID:** Not Reported

---
**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID  
Direction E20  
Distance ESE  
Elevation 1/2 - 1 Mile  
Higher  

<table>
<thead>
<tr>
<th>Database</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA WELLS</td>
<td>7412</td>
</tr>
</tbody>
</table>

**Water System Information:**
- Prime Station Code: 07N/08W-26L02 M
- FRDS Number: 4900858001
- District Number: 03
- Water Type: Well/Groundwater
- Source Lat/Long: 382517.0 1224259.0
- Source Name: WELL 01
- System Number: 4900858
- System Name: CORBY AVENUE APARTMENTS
- Organization That Operates System: 800 E. MENDOCINO AVE.  
  SANTA ROSA, CA 95401
- User ID: RXR
- County: Sonoma
- Station Type: WELL/AMBNT/MUN/INTAKE
- Well Status: Active Untreated
- Precision: 10 Feet (1/10 Second)
- Source Lat/Long: 382517.0 1224259.0
- Active Untreated
- Well/Groundwater
- WATER System
- MUN/INTAKE Station
- 10 Feet (1/10 Second)

- Pop Served: 30
- Connections: 12
- Sample Collected: 06/16/2008
- Findings: 3.1 UG/L
- Chemical: ARSENIC

---

**21**

**NW**  
**1/2 - 1 Mile**  
**Lower**

- Longitude: -122.7419
- Latitude: 38.4358
- Site ID: CADW40000039543
- GW Code: 101801
- District: 07
- County: 49
- Well Use Code: U
- Stwellno: 07N08W21J001M

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

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AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

<table>
<thead>
<tr>
<th>Zip</th>
<th>Total Sites</th>
<th>&gt; 4 Pci/L</th>
<th>Pct. &gt; 4 Pci/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>95407</td>
<td>9</td>
<td>0</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Federal EPA Radon Zone for SONOMA County: 3

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

Federal Area Radon Information for Zip Code: 95407

Number of sites tested: 4

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt; 4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt; 20 pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Area - 1st Floor</td>
<td>0.475 pCi/L</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Living Area - 2nd Floor</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Basement</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
</tr>
</tbody>
</table>
TOPOGRAPHIC INFORMATION

USGS 7.5’ Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5’ Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5’ Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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

AQUIFLOWR 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.

STREET AND ADDRESS INFORMATION

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Exhibit G – Regulatory Records Documentation
No documents available.
APPENDIX C-4
PHASE II ESA
October 15, 2018

Mike Campbell  
Project Manager  
Sent via email: MCampbell@davidjpowers.com  
1111 Broadway, Suite 1510  
Oakland, CA, 94607  
Phone: (510) 458-3041

Subject: Limited Phase II Environmental Site Assessment  
Roseland Creek Community Park  
Santa Rosa, California  
ATC Project No. 1141800009

Dear Mr. Campbell:

ATC Group Services LLC (ATC) has prepared this Limited Phase II Environmental Site Assessment (Phase II ESA) report for the Roseland Creek Community Park development in Santa Rosa, California to present the results of our Phase II ESA performed in May and June of 2018.

1.0 BACKGROUND

The site is bound by Burbank Avenue to the west, McMinn Avenue and residential houses to the east, residential houses to the north and a ranch to the south. The property is rectangular in shape consisting of the Roseland Creek Community Park property with two parcels, 10.97 acres in the north and 5.96 acres in the south, with a 2.61 acre private property (1372 Burbank Avenue from west to east) separating the two parcels (Figure 1).

The Phase II ESA was performed in support of a CEQA Initial Study for the proposed development. The Phase II ESA scope was originally designed to address the following potential environmental conditions identified at the site:

1. A refuse dump on the northwest side of Roseland Creek where household debris and automotive parts where observed, as reported in a Phase I ESA prepared by ECON in 2010. ECON concluded this presents a material threat of a potential release of hazardous substances or petroleum products,

2. Historic agricultural use, including orchards, may have resulted in contamination of shallow soil with pesticides and arsenic, in ATC’s opinion, and

3. Use of lead paint on older structures at the site may have resulted in the contamination of soil with lead.

Note that due excessive vegetation overgrowth at the site, fourteen of the originally proposed samples locations were not accessible and were not sampled, including proposed samples in the refuse dump area cited in Item 1 above. Sample locations are shown on Figure 2.
2.0 SITE INVESTIGATION SCOPE

ATC collected shallow soil samples at 30 locations, from a depth of 0.5 to 1 foot below ground surface (bgs). Forty-two (42) locations were originally proposed, however, due to vegetation overgrowth, fourteen locations were inaccessible. Additional details regarding the completed scope of work are described below.

2.1 Site Health and Safety Plan

As required by the Occupational Safety and Health Administration (OSHA) Standard “Hazardous Waste Operations and Emergency Response” guidelines (29 CFR 1910.120), and by California Occupational Safety and Health Administration (Cal-OSHA) “Hazardous Waste Operations and Emergency Response” guidelines (CCR Title 8, Section 5192), ATC prepared Site-Specific Health and Safety Plan (HASP) prior to the commencement of fieldwork. The Site-Specific HASP was reviewed and signed by field staff before beginning field operations at the site.

2.2 Subsurface Utility Clearance

Prior to field activities, ATC marked the proposed boring locations in accordance with the Underground Service Alert (USA) guidelines, and notified USA of subsurface activities so existing underground utilities in the area of the proposed borings could be located and avoided.

2.3 Exploratory Soil Borings

Between May 30, 2018 and June 1, 2018, ATC advanced thirty (30) shallow soil borings at the site (S-1 through S-12, S-25 through S-30, and S-33 through S-44). Each boring was advanced to a total depth of 1 foot bgs, using a hand trowel, in order to collect shallow surficial soil samples. Figure 2 depicts the soil boring locations.

Soil samples were collected from each boring at a depth of 0.5 to 1 foot bgs. Samples were collected using a hand trowel and contained in clean laboratory supplied glass jars. Once retrieved, soil samples were labeled, placed in a cooler with ice, and chilled to approximately 4°C pending transport to the analytical laboratory. Each location was then backfilled with surrounding soil and spoils.

Field notes are provided in Attachment A.

2.5 Waste Disposal

No investigation derived waste (IDW) was generated during the activities.

3.0 LABORATORY ANALYSES AND RESULTS

The collected soil samples were submitted to BC Laboratories, Inc. of Bakersfield, California, a state-certified laboratory under standard chain-of-custody protocol. The soil samples were analyzed for the following analytes:

- Organochloride pesticides by EPA Method 8081A, and
- Lead and Arsenic by EPA Methods 6010B.
3.1 Laboratory Analytical Results

Provided below is a summary of the reported laboratory analytical results of the 30 soil samples collected during the investigation.

Organochloride Pesticides

- Chlordane was detected above the respective reporting limit in one sample at a concentration of 0.061 mg/kg in samples S-6.
- 4,4’-DDD was detected above the respective reporting limits in 17 of the samples at concentrations ranging from 0.00075 mg/kg in sample S-3 to 0.020 mg/kg in sample S-43.
- 4,4’-DDE was detected above the respective reporting limits in 19 of the samples at concentrations ranging from 0.00054 mg/kg in sample S-29 to 0.021 mg/kg in samples S-27 and S-28.
- 4,4’-DDT was detected above the respective reporting limits in 22 of the samples at concentrations ranging from 0.00074 mg/kg in sample S-35 to 0.048 mg/kg in samples S-43.
- Dieldrin was detected above the respective reporting limits in four of the samples at concentrations ranging from 0.00058 mg/kg in sample S-33 to 0.013 mg/kg in samples S-44.

Lead and Arsenic

- Lead was detected above the respective reporting limits in all 6 soil samples analyzed (S-6, S-25 through S-27, S-43, and S-44) at concentrations ranging from 29 mg/kg in sample S-43 to 120 mg/kg in sample S-26.
- Arsenic was detected above the respective reporting limits in all 30 soil samples at concentrations ranging from 2.7 mg/kg in sample S-28 to 5.5 mg/kg in sample S-6.

Laboratory analytical data for detected constituents are summarized on Table 1. Laboratory analytical reports are provided in Attachment B.

3.2 Comparison to Applicable Screening Levels

For the purpose of this investigation, ATC compared laboratory analytical data to the following applicable health-based screening levels.

Health-Based Screening Levels

- San Francisco Bay- Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESL), February 2016 (Rev. 3), Table S-1, Direct Exposure Human Health Risk Levels; Residential, Shallow Soil Exposure.

The respective ESLs for detected constituents are presented on Table 1. A summary comparison of the laboratory analytical results to the applicable health-based screening levels is provided below:

- Organochloride pesticides – Detected organochloride pesticides were not reported in any soil samples at concentrations in excess of the respective ESLs.
• Lead and Arsenic - Lead was detected at concentrations above the ESL of 80 mg/kg in 2 of 6 samples at concentrations of 120 mg/kg in S-26 and 110 mg/kg in S-44. Arsenic was detected above the ESL of 0.067 mg/kg in all 30 samples analyzed at concentrations ranging from 2.7 mg/kg in sample S-28 to 5.5 mg/kg in sample S-6.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The site characterization activities performed by ATC included completing 30 soil borings (S-1 through S-12, S-25 through S-30, and S-33 through S-44) to depths of approximately 1 foot bgs. Soil samples were collected from each boring from a depth of 0.5 to 1 foot bgs. Samples were analyzed for organochloride pesticides, lead, and arsenic.

Due to access issues related to vegetation overgrowth and a vagrant encampment, ATC was unable to collect samples from approximate 30 percent of the proposed locations from the former orchard areas, ten of the 42 proposed locations. In ATC’s opinion, the samples collected from former orchard areas are likely representative of the unsampled orchard areas. Based on the absence of ESL exceedances for pesticides, we do not recommend pursuing further sample collection in the unsampled orchard areas. Additionally, although all 30 samples exceeded the arsenic ESL, it is well documented concentrations of this magnitude are within typical arsenic background concentrations for Northern California. Therefore, no additional action is recommended with respect to arsenic concentrations.

Reported concentrations of lead exceeding the ESL were detected in samples collected adjacent to existing structures at the site. These elevated lead concentrations are most likely the result of lead-based paint debris fallen from these structures. We suspect the elevated lead concentrations are confined to the top one foot of soil in the vicinity of the structures. ATC recommends a lead-based paint survey be performed on these structures prior to demolition. Additionally, this impacted soil should be mitigated by excavation (scraping) and proper disposal, or by capping with clean fill material. No additional soil sampling is recommended at this time.

Finally, ATC was unable to access the area of a refuse dump on the northwest side of Roseland Creek (near proposed sample locations S-31 and S-32) where household debris and automotive parts where observed, as reported in a Phase I ESA prepared by ECON in 2010. ECON concluded this debris presents a material threat of a potential release of hazardous substances or petroleum products. ATC recommends this area be sampled in the future once it is accessible.
6.0 CLOSING

If you have any questions please contact Mr. Gabe Stivala at (925) 223-7123.

Sincerely,
ATC Group Services LLC

Gabriel V. Stivala, P.G.
Senior Geologist
Direct Line +1 925 223 7123
Email: gabe.stivala@atcgs.com

Sara E. Bostick
Sr. Project Manager
Direct Line +1 707 291 0425
Email: sara.bostick@atcgs.com

Attachments:

Figure 1 Site Vicinity
Figure 2 Site Plan with Boring Locations
Table 1 Soil Analytical Results
Attachment A Field Notes
Attachment B Laboratory Analytical Report
Figures
SITE LOCATION MAP

ROSELAND CREEK COMMUNITY PARK PROPERTY
SANTA ROSA, CA

PROJECT NUMBER: 1141800009
DATE: 5/16/18
FIGURE 1

APPROVED BY: GS
DRAWN BY: BK

915 Highland Point Dr., Ste. 250
Roseville, California 95678
Ph: (916) 924-5247 *** Fax: (916) 724-5201

Site Location Map of Roseland Creek Community Park Property, Santa Rosa, CA.
LEGEND

SOIL BORING THAT WAS SAMPLED

HUGHES AVENUE

BURBANK AVENUE

MCMINN AVENUE

APPROVED BY:

PROJECT NUMBER:

FIGURE

DRAWN BY:

DATE:

915 Highland Point Dr., Ste. 250
Roseville, California 95678
Ph: (916) 924-5247    Fax: (916) 724-5201

SAMPLING LOCATION MAP

ROSELAND CREEK COMMUNITY PARK PROPERTY (10.07 ACRES)

PRIVATE PROPERTY (2.61 ACRES)

ROSELAND CREEK COMMUNITY PARK PROPERTY (5.96 ACRES)

S-38

S-32

S-33

S-39

S-34

S-40

S-35

S-41

S-26

S-27

S-28

S-29

S-23

S-17

S-16

S-22

S-21

S-20

S-15

S-9

S-18

S-24

S-30

S-36

S-42

S-44

S-6

S-11

S-12

S-5

S-4

S-1

S-2

S-3

S-7

S-13

S-14

S-8

S-19

S-25

S-31

S-37

PROPOSED SOIL SAMPLE LOCATIONS INACCESSIBLE DUE TO EXCESSIVE VEGETATION OVERGROWTH.
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**NOTES:**
- bgs: Below ground surface
- mg/kg: Milligrams per kilogram
- EPA: Environmental Protection Agency
- 4,4'-DDD: Dichlorodiphenyldichloroethane
- 4,4'-DDE: Dichlorodiphenyldichloroethene
- 4,4'-DDT: Dichlorodiphenyldichloroethane
- <0.050: Constituent not detected above specific laboratory reporting limit.
- --: Not analyzed

**ESL Residential** Environmental Screening Level for Tier 1/SWRCB Region 2 ESL Tables February 2016 (Rev. 3); Table S-1 Direct Exposure

**Shallow Soil** Human Health Risk Levels; Res: Shallow Soil Exposure

**BOLD** Reported value exceeds ESL
Attachment A

Field Notes
ATC Group Services LLC
1117 Lone Palm Ave., Suite 201B
Modesto, California 95351
(209) 579-2221 Phone
(209) 579-2225 Fax

Service Request Form
Surface Soil Sampling

Date of SRF: 5/29/2018

Site Information
Site Name: Roseland Creek Community Park Property
Project No.: 1141800009
Task No.: 54001
Contact: Gabe Stivala
Phone No.: (925) 223-7123
Labor Code No.: 09012

Scope of Work
1. Conduct tailgate H&S meeting. Site is a vacant lot with private property at 1372 Burbank Ave. in the middle.
2. Contact potential stakeholders and discuss scope, obtain contact info for future work.
3. Sample soil points S-1 through S-42.
4. Take handheld GPS and minimum of six cones. Identify GPS location of each row using cones. Document with photos.
5. Obtain surface soil samples from depth of six inches (6") to one foot (1 ft.) on all samples, except Refuse area. Refuse samples are to be from one and a half feet (1.5 ft.) to two feet (2 ft.) in depth.
6. Backfill sample location with residual soil.
7. Samples to be transported to BC Laboratories under chain of custody protocol.
8. All samples to be analyzed for organochlorine pesticides by EPA 8081A. Include arsenic by 6010B in past agricultural areas; lead by 6010B in past lead paint storage areas; and Refuse area includes CAM 17 Metals by 6010B, mercury by 7471A, volatile organics by 8260B, and TPH-d/TPH-mo by 8015M.
9. Scan and send field forms to sara.bostick@atcgs.com

Attachments
Budget Workplan Map X Chain-of Custody X
Other: Site Photographic Log Well ConstructDiagram

Project Manager Information
Work Requested By: Gabe Stivala Project Manager: Gabe Stivala
Date needed: 6/4/2018 Time Needed: ________ Hours Budgeted: ________

Field Completion Data
Was the scope of work completed? Y N
If "No", describe work completed.
Flowmeter: ________ Gals
Time: ________ hrs
Oxidizer: ________ hrs
Time: ________ hrs

Comments: S-13 through S-24 were not accessible S-31 & S-32

Completed by: ________ Date Completel: 08/20/18
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Field Report

ATC Branch: 54-Modesto
Date: 05/30/18

ATC Representative(s): GM
Role: Technician
Contact Information: SB
Location: 1372 Burbank, CA
Project: Roseland Creek Community Park
Project No: 1141800009
Task No: 54001
Scope of Work:

Monitoring X Assessment ___ Remediation ___ Closure

Time: Comments:
10:21 Onsite check in w/resident @ 1372, Debbie, inform of sampling for next 3 days. Told that 1400 Burbank has locked gate. Visual confirmation & request city open gate to GS.

10:55 PG+F on site meeting, clear areas nearby houses for underground utilities.

11:14 PG+F offsite.

11:05 PG+F offsite.

12:50 S-43, set up, & Sampled @ 0.5-1ft, lead+pesticides

13:20 S-44 Sampled @ 0.5-1ft, lead+pesticides

14:15 S-25 Sampled @ 0.5-1ft, lead+pesticides

14:40 S-26 Sampled @ 0.5-1ft, lead+pesticides

15:05 S-6 Sampled @ 0.5-1ft. Arsenic+lead+pesticides

Scout out 1027 McMillin property - S-9, S-10, S-11 area dense vegetation

16:30 Offsite.

Calibration of:

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<th>pH (7.00)</th>
<th>pH (4.00)</th>
<th>Cond. (1.413)</th>
<th>ORP (220)</th>
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Pre / Post

Calibration Solution Expiration Date: Cable Unit Serial No.:

Handheld Unit Serial No.:

Copies To: Project Manager:

Reviewed By:
Field Report

ATC Branch: 54-Modesto
ATC Representative(s): GM
Role: Technician
Contact Information: SB
Scope of Work:

<table>
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<td>09:45</td>
<td>Check in w Tenant Debbie.</td>
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<td>11:08</td>
<td>S-27 sampled @ 0.5-1 ft.</td>
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<td>11:21</td>
<td>S-28 sampled @ 0.5-1 ft.</td>
</tr>
<tr>
<td>11:42</td>
<td>S-29 sampled @ 0.5-1 ft.</td>
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<td>11:56</td>
<td>S-30 sampled @ 0.5-1 ft.</td>
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<td>Call City for access to 1400 Burbank Ave.</td>
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<td>S-41 sampled @ 0.5-1 ft.</td>
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<td>15:10</td>
<td>S-42 sampled @ 0.5-1 ft.</td>
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<td>S-36 sampled @ 0.5-1 ft.</td>
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<td>16:05</td>
<td>S-35 sampled @ 0.5-1 ft.</td>
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<tr>
<td>16:25</td>
<td>S-34 sampled @ 0.5-1 ft.</td>
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<td>Lock up. E&amp;L notify city contact.</td>
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17:20 Left site

Calibration of:

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Calibration Solution Expiration Date:

Cable Unit Serial No.:

Handheld Unit Serial No.:

Copies To:

Reviewed By:

Project Manager:

Unit Inspection: Pass / Fail

Battery levels:
Screen / Casing:
Commts:
Field Report

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<td>On-site, begin on 1027 McMin side of park.</td>
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<td>0815</td>
<td>Neighbor of 1027 McMin, discuss history of park, city neighborhood debates for area.</td>
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<td>S-5 sampled @ 0.5-1 ft.</td>
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<tr>
<td>1000</td>
<td>S-4 sampled @ 0.5-1 ft.</td>
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<td>1034</td>
<td>S-3 sampled @ 0.5-1 ft.</td>
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<td>1100</td>
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<td>1136</td>
<td>S-1 sampled @ 0.5-1 ft.</td>
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<tr>
<td>1156</td>
<td>S-7 sampled @ 0.5-1 ft.</td>
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<tr>
<td>1222</td>
<td>S-8 sampled @ 0.5-1 ft.</td>
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<tr>
<td>1416</td>
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<td>1508</td>
<td>S-12 sampled @ 0.5-1 ft.</td>
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### Calibration of:

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EXTRACTION:

Field Report

ATC Branch: 54-Modesto
ATC Representative(s): GM
Role: Technician
Location: 1372 Burbank, CA
Contact Information: SB
Scope of Work: Monitoring
Project: Roseland Creek Community Park
Project No: 1141800009
Task No: 54001
Weather: Sun
Time:

Comments:
15:46 Contact city rep. Dean, notify work done. Possibility of
referring to access S-13 through S-24, S-31 & S-32
16:00 Poison ivy/weed abatement completed.

Calibration of:

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<th>pH (7.00)</th>
<th>pH (4.00)</th>
<th>Cond. (1.413 mS/cm)</th>
<th>ORP (220 mV)</th>
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Pre / Post

Calibration Solution Expiration Date:

Cable Unit Serial No.:
Handheld Unit Serial No.:

Copies To:

Reviewed By:

Unit Inspection: Pass / Fail

Battery levels:
Screen / Casing:
Commets:
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Additional Comments:

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Relinquished By:  Date/Time:  Received By:  Date/Time:
Relinquished By:  Date/Time:  Received By:  Date/Time:

Sample Condition: Good? Yes ___ No ___  On Ice? Yes ___ No ___  Cooler Temp ___  Transportation Method: ___

Page 1 of 2
## Chain-of-Custody Form

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**Relinquished By:**

- **Date/Time:** 6/7/18 15:50
- **Received By:**
  - **Date/Time:** 6/7/18 15:50
- **Sample Condition:** Good? Yes  No  On Ice? Yes  No  Cooler Temp  
- **Transportation Method:**

---

*White - Lab  Yellow - Lab  Pink - ATC*
Attachment B

Laboratory Analytical Report
Date of Report: 07/19/2018

Gabe Stivala

ATC Group Services
915 Highland Pointe Drive, Suite 250
Roseville, CA 95678

Client Project: 1141800009
BCL Project: Roseland Creek Community Park
BCL Work Order: 1818064
Invoice ID: B307844, B310277

Enclosed are the results of analyses for samples received by the laboratory on 6/7/2018. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1000762016

Sincerely,

Molly Meyers
Contact Person: Molly Meyers
Client Service Rep

Stuart Buttram
Technical Director
## Table of Contents

**Sample Information**
- Chain of Custody and Cooler Receipt form: 4
- Laboratory / Client Sample Cross Reference: 9

**Sample Results**

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### Quality Control Reports

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  - Method Blank Analysis: 79
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  - Precision and Accuracy: 82

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  - Laboratory Control Sample: 84
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### Chain of Custody Form

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**Additional Comments:**

- Sample Condition: Good? Yes __ No __
- On Ice? Yes __ No __
- Cooler Temp: __________
- Transportation Method: __________________________

**Sample Location:**

- White - Lab
- Yellow - Lab
- Pink - ATC

**Signatures:**

- Received: [Signature]
  - Date/Time: 6/1/18 15:30
  - Received By: [Signature]
  - Date/Time: 6/1/18 15:30
## CHAIN-OF-CUSTODY FORM

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Additional Comments:

**Reinforced By:**

**Date/Time:** 6/7/18 15:50  **Received By:**

**Date/Time:** 6/7/18 21:30

**Environmental:**

Yellow - Lab  Pink - ATC
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Comments: Sample Numbering Completed By: [Signature]

A = Actual / C = Corrected

Date/Time: 6/17/2016

Report ID: 1000770649

4100 Atlas Court, Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Page 7 of 86
### COOLER RECEIPT FORM

**Submission #:** 18-18064

**SHIPPING INFORMATION**
- Fed Ex [ ]
- UPS [ ]
- On-truck [ ]
- Hand Delivery [ ]
- BC Lab Field Service [ ]

**SHIPPING CONTAINER**
- Ice Chest [ ]
- None [ ]
- Box [ ]
- Other [ ]

**FREE LIQUID**
- Yes [ ]
- No [ ]

**Refrigerant:** Ice [ ]
- Blue Ice [ ]
- None [ ]
- Other [ ]

**Comments:**

**Custody Scale**
- Input:
- Output:
- Comments:

**All samples received?** Yes [ ]
- No [ ]

**All samples containers intact?** Yes [ ]
- No [ ]

**Description(s) match CCC?** Yes [ ]
- No [ ]

**COC Received**
- Yes [ ]
- No [ ]

**Emulsivity:** 0.97

**Container:** 1006

**Thermometer ID:** 209

**Temperature:** 0.4°C / (C) 0.2°C

**Date/Time:** 18/21/30

**SAMPLE CONTAINERS**

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- Sample Numbering Completed By:
- A = Actual / C = Corrected

**Date/Time:** 6/1/2020

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| Lab Matrix: Solids                         |
| Sample Type: Soil                          |
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Report ID: 1000770649

4100 Atlas Court  Bakersfield, CA 93308  (661) 327-4911  FAX (661) 327-1918  www.bclabs.com
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| Location ID (FieldPoint): S-34 |
| Matrix: SO |
| Sample QC Type (SACode): CS |
| Cooler ID: |

| **1818064-21** |
| COC Number: --- |
| Project Number: Roseland Creek |
| Sampling Location: --- |
| Sampling Point: S-35 |
| Sampled By: ATCE |
| Receive Date: 06/07/2018 21:30 |
| Sampling Date: 05/31/2018 16:05 |
| Sample Depth: --- |
| Lab Matrix: Solids |
| Sample Type: Soil |
| Delivery Work Order: |
| Global ID: |
| Location ID (FieldPoint): S-35 |
| Matrix: SO |
| Sample QC Type (SACode): CS |
| Cooler ID: |

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| Project Number:        | Roseland Creek            |
| Sampling Location:     | ---                       |
| Sampling Point:        | S-43                      |
| Sampled By:            | ATCE                      |
| Receive Date:          | 06/07/2018 21:30          |
| Sampling Date:         | 05/30/2018 13:05          |
| Sample Depth:          | ---                       |
| Lab Matrix:            | Solids                    |
| Sample Type:           | Soil                      |
| Delivery Work Order:   |                           |
| Global ID:             |                           |
| Location ID (FieldPoint): | S-43                  |
| Matrix:                | SO                        |
| Sample QC Type (SACode): | CS                      |
| Cooler ID:             |                           |

| **1818064-30**         | **---**                   |
| COC Number:            | ---                       |
| Project Number:        | Roseland Creek            |
| Sampling Location:     | ---                       |
| Sampling Point:        | S-44                      |
| Sampled By:            | ATCE                      |
| Receive Date:          | 06/07/2018 21:30          |
| Sampling Date:         | 05/30/2018 13:20          |
| Sample Depth:          | ---                       |
| Lab Matrix:            | Solids                    |
| Sample Type:           | Soil                      |
| Delivery Work Order:   |                           |
| Global ID:             |                           |
| Location ID (FieldPoint): | S-44                  |
| Matrix:                | SO                        |
| Sample QC Type (SACode): | CS                      |
| Cooler ID:             |                           |

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# Organochlorine Pesticides (EPA Method 8081A)

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<th>Result</th>
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<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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Organochlorine Pesticides (EPA Method 8081A)

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**Total Concentrations (TTLC)**

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<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
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<th>Run #</th>
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<th>Date/Time</th>
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**Organochlorine Pesticides (EPA Method 8081A)**

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### Organochlorine Pesticides (EPA Method 8081A)

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Laboratories, Inc.
Environmental Testing Laboratory Since 1949

ATC Group Services
915 Highland Pointe Drive, Suite 250
Roseville, CA 95678

Reported: 07/19/2018 9:45
Project: Roseland Creek Community Park
Project Number: 1141800009
Project Manager: Gabe Stivala

Total Concentrations (TTLC)

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**Organochlorine Pesticides (EPA Method 8081A)**

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Report ID: 1000770649
4100 Atlas Court  Bakersfield, CA  93308  (661) 327-4911  FAX (661) 327-1918  www.bclabs.com  Page 27 of 86
### Total Concentrations (TTLC)

<table>
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<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<th>Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
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## Organochlorine Pesticides (EPA Method 8081A)

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<th>Constituent</th>
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<th>Units</th>
<th>PQL</th>
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<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<td>mg/kg</td>
<td>0.0005</td>
<td>0.0050</td>
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<tr>
<td>delta-BHC</td>
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<td>0.0050</td>
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<tr>
<td>TCMX (Surrogate)</td>
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### QC Results

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<th>Run Date/Time</th>
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## Total Concentrations (TTLC)

<table>
<thead>
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<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
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<th>Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
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Organochlorine Pesticides (EPA Method 8081A)

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<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<td>A10</td>
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<td>0.0050</td>
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<td>Decachlorobiphenyl (Surrogate)</td>
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## Total Concentrations (TTLC)

### BCL Sample ID: 1818064-07

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### Run Details

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<th>Date/Time</th>
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<th>Instrument</th>
<th>Dilution</th>
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## Organochlorine Pesticides (EPA Method 8081A)

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<th>PQL</th>
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<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
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**Run #** | **Method** | **Prep Date** | **Run Date/Time** | **Analyst** | **Instrument** | **Dilution** | **QC Batch ID** |
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**Total Concentrations (TTLC)**

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<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
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### Organochlorine Pesticides (EPA Method 8081A)

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<th>PQL</th>
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<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
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Organochlorine Pesticides (EPA Method 8081A)

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<td>Toxaphene</td>
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<td>0.050</td>
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<tr>
<td>TCMX (Surrogate)</td>
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Run # | Method  | Prep Date  | Run Date/Time | Analyst | Instrument | Dilution | QC Batch ID |
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Report ID: 1000770649
4100 Atlas Court  Bakersfield, CA 93308  (661) 327-4911  FAX (661) 327-1918  www.bclabs.com
## Total Concentrations (TTLC)

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<th>Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
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**Organochlorine Pesticides (EPA Method 8081A)**

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<thead>
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<th>Constituent</th>
<th>Result</th>
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<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<tr>
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**Run Details**

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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
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<td>GC-17</td>
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## Total Concentrations (TTLC)

**BCL Sample ID:** 1818064-11  
**Client Sample Name:** Roseland Creek, S-11, 6/1/2018  2:36:00PM

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<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
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<table>
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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
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# Organochlorine Pesticides (EPA Method 8081A)

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<th>Units</th>
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<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<td>0.0050</td>
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<td>beta-BHC</td>
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<td>0.0050</td>
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<td>0.0050</td>
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<td>EPA-8081A</td>
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<tr>
<td>TCMX (Surrogate)</td>
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## Total Concentrations (TTLC)

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<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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Organochlorine Pesticides (EPA Method 8081A)

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Report ID: 1000770649

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Page 43 of 86
## Total Concentrations (TTLC)

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<th>Method</th>
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<th>Run #</th>
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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
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**Organochlorine Pesticides (EPA Method 8081A)**

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<th>Method</th>
<th>MB Bias</th>
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**Run # | Method | Prep Date | Run Date/Time | Analyst | Instrument | Dilution | QC Batch ID**
---|--------|-----------|---------------|---------|------------|----------|-----------
1 | EPA-8081A | 06/11/18 08:30 | 06/12/18 13:00 | HKS | GC-17 | 19.608 | B016524 |
### Total Concentrations (TTLC)

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<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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### Organochlorine Pesticides (EPA Method 8081A)

**BCL Sample ID:** 1818064-15  
**Client Sample Name:** Roseland Creek, S-27, 5/31/2018 11:08:00AM

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### QC

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<tbody>
<tr>
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<td>EPA-8081A</td>
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<td>HKS</td>
<td>GC-17</td>
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# Total Concentrations (TTLC)

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<tr>
<td>Arsenic</td>
<td>3.3</td>
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<th>Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
<th>Batch ID</th>
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# Organochlorine Pesticides (EPA Method 8081A)

<table>
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<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<tr>
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<td>0.0025</td>
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<tr>
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<td>EPA-8081A</td>
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<td>A10</td>
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<tr>
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<td>Endosulfan I</td>
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<td>0.0025</td>
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<tr>
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<tr>
<td>Toxaphene</td>
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<td>0.25</td>
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<tr>
<td>TCMX (Surrogate)</td>
<td>58.3</td>
<td>%</td>
<td>20 - 130 (LCL - UCL)</td>
<td>20 - 130 (LCL - UCL)</td>
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<td>Decachlorobiphenyl (Surrogate)</td>
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### QC Data

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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
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### Total Concentrations (TTLC)

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
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<table>
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<th>Date/Time</th>
<th>Analyst</th>
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<th>Constituent</th>
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<th>PQL</th>
<th>MDL</th>
<th>Method</th>
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<th>Lab Quals</th>
<th>Run #</th>
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<td>TCMX (Surrogate)</td>
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ATC Group Services  
915 Highland Pointe Drive, Suite 250  
Roseville, CA 95678

Reported: 07/19/2018 9:45  
Project: Roseland Creek Community Park  
Project Number: 1141800009  
Project Manager: Gabe Stivala

---

**Total Concentrations (TTLC)**

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<th>Analyst</th>
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<td>JCC</td>
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### Organochlorine Pesticides (EPA Method 8081A)

<table>
<thead>
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<th>Constituent</th>
<th>Result</th>
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<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Quals</th>
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**Report #** 1000770649

**4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com**
Total Concentrations (TTLC)

<table>
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<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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Organochlorine Pesticides (EPA Method 8081A)

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<th>Method</th>
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Total Concentrations (TTLC)

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<th>MDL</th>
<th>Method</th>
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<th>Run #</th>
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### Organochlorine Pesticides (EPA Method 8081A)

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### QC Information

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<th>Method</th>
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### Organochlorine Pesticides (EPA Method 8081A)

**BCL Sample ID:** 1818064-21  
**Client Sample Name:** Roseland Creek, S-35, 5/31/2018  
**Run Date/Time:** 4:05:00PM

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**Run # | Method | Prep Date | Run Date/Time | Analyst | Instrument | Dilution | QC Batch ID**
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# Total Concentrations (TTLC)

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<th>Method</th>
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<th>Instrument</th>
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## Organochlorine Pesticides (EPA Method 8081A)

**BCL Sample ID:** 1818064-22  
**Client Sample Name:** Roseland Creek, S-36, 5/31/2018  
**Date/Time:** 3:50:00PM

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### QC Data

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## Total Concentrations (TTLC)

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<th>MDL</th>
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Organochlorine Pesticides (EPA Method 8081A)

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Run # | Method | Prep Date | Run Date/Time | Analyst | Instrument | Dilution | QC Batch ID |
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### Total Concentrations (TTLC)

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<td>Toxaphene</td>
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### Total Concentrations (TTLC)

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<th>Date/Time</th>
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<th>Instrument</th>
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Organochlorine Pesticides (EPA Method 8081A)

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<th>Method</th>
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<td>EPA-8081A</td>
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<tr>
<td>Heptachlor epoxide</td>
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<td>mg/kg</td>
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<td>EPA-8081A</td>
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Run # | Method | Prep Date | Run Date/Time | Analyst | Instrument | Dilution | QC Batch ID |
---|--------|-----------|---------------|---------|------------|----------|-------------|
1 | EPA-8081A | 06/11/18 09:40 | 06/12/18 21:17 | HKS | GC-17 | 9.901 | B016531 |
### Total Concentrations (TTLC)

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<th>Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
<th>QC Batch ID</th>
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<td>KDF</td>
<td>PE-QP3</td>
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### Organochlorine Pesticides (EPA Method 8081A)

<table>
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<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<tr>
<td>alpha-BHC</td>
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<td>0.005</td>
<td>EPA-8081A</td>
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<tr>
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<th>Method</th>
<th>MB</th>
<th>Lab Quals</th>
<th>Run #</th>
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Organochlorine Pesticides (EPA Method 8081A)

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Run #   Method       Prep Date  Run Date/Time  Analyst  Instrument  Dilution  QC
-------  ----------   --------   -----------  -------  ----------  -------  ------
       1   EPA-8081A   06/11/18  09:40  06/12/18  21:46  HKS   GC-17   1.010  B016531

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## Total Concentrations (TTLC)

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<th>Result</th>
<th>Units</th>
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<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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# Organochlorine Pesticides (EPA Method 8081A)

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**Client Sample Name:** Roseland Creek, S-42, 5/31/2018  
**Run Date/Time:** 3:10:00PM

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**Run #** | **Method** | **Prep Date** | **Run Date/Time** | **Analyst** | **Instrument** | **Dilution** | **QC Batch ID**
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Total Concentrations (TTLC)

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# Organochlorine Pesticides (EPA Method 8081A)

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**Client Sample Name:** Roseland Creek, S-43, 5/30/2018  
**Run Date/Time:** 1:05:00PM

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### Run Details

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<th>Run Date/Time</th>
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<th>Instrument</th>
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## Organochlorine Pesticides (EPA Method 8081A)

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### Run Details

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<th>Run Date/Time</th>
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<th>Instrument</th>
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<th>Date/Time</th>
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# Organochlorine Pesticides (EPA Method 8081A)

## Quality Control Report - Method Blank Analysis

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Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

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<th>MB Result</th>
<th>Units</th>
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<th>MDL</th>
<th>Lab Quals</th>
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<td><strong>Endrin</strong></td>
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### Organochlorine Pesticides (EPA Method 8081A)

#### Quality Control Report - Laboratory Control Sample

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Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

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## Total Concentrations (TTLC)

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Notes And Definitions

MDL  Method Detection Limit
ND   Analyte Not Detected
PQL  Practical Quantitation Limit
A01  Detection and quantitation limits are raised due to sample dilution.
A07  Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
A10  Detection and quantitation limits were raised due to matrix interference.
Q01  Sample precision is not within the control limits.
Q03  Matrix spike recovery(s) was(were) not within the control limits.
S09  The surrogate recovery on the sample for this compound was not within the control limits.
APPENDIX D
CEQA CHECKLIST MEMO
November 13, 2019

Ms. Jen Santos  
Deputy Director - Parks  
City of Santa Rosa Recreation and Parks Department  
55 Stony Point Road  
Santa Rosa, CA 95401

RE: Assessment of the Appendix G CEQA Checklist Revisions on the Roseland Creek Community Park Master Plan Initial Study

Dear Jen,

The CEQA Guidelines Appendix G Checklist was updated in late 2018 to include revised questions and incorporation of several new sections including Energy and Wildfire. The Initial Study for the Roseland Creek Park Master Plan was substantially complete at that time and in administrative draft form. The City has requested an evaluation of how the changes in the CEQA Checklist affect the conclusions in the Roseland Creek Community Park Master Plan Initial Study. This memo documents the effects of the CEQA Checklist revisions on the analysis provided in the Initial Study for the project. The CEQA Checklist for the following resource areas was not revised and, therefore, they are not discussed further below: Agriculture and Forestry Resources, Greenhouse Gas Emissions, Mineral Resources, Public Facilities, and Recreation.

Assessment of CEQA Checklist Revisions

Aesthetics

The checklist was revised to clarify question c) applies to public views of the site. The Initial Study previously considered public views of the site and found the project would have minimal impact upon the visual character or quality of the site due to proposed structures being small and proposed uses being primarily of a passive nature (trails, picnic areas, etc.).

Air Quality

The checklist was revised to focus on cumulatively considerable net increases of criteria pollutants and the potential for other emissions to lead to odors adversely affecting a substantial number of people. As described in Section 4.3 Air Quality, the project would not exceed cumulative criteria pollutant screening levels developed by BAAQMD. The project would not create substantial odors.
Biological Resources

The checklist was revised to specifically identify consideration of state protected wetlands in the impact analysis. The project would not impact the riparian wetlands on the site and, therefore, no state protected wetlands would be affected by the project.

Cultural Resources

The checklist was revised with a minor edit to the text of question a) that would not alter the discussion or conclusions of the Initial Study. Question c) related to paleontological resources was relocated to the Geology and Soils checklist which would result in no change in the analysis of these resources.

Energy

The checklist was revised to include analysis of the energy impacts of a project. The analysis should consider whether the project would: a) Result in a potentially significant impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation; or b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

The project proposes a limited number of structures on the site including a nature center and restroom building north of the creek and a restroom on the south side of the creek near the parking lot, play area, multi-use turf area, and sports court. Lighting would only be provided at the nature center, restrooms, and parking areas. The park would be closed in the evening and no lighting of play areas or the sports court is proposed. Construction of the project would involve demolition and grading, as well as, construction of active park uses on approximately 4.59 acres. The placement of trails throughout the site would not result in substantial construction activity on the site. In accordance with Sonoma County Waste Management Agency’s construction and demolition debris diversion program, 50 percent of construction and demolition debris would be diverted from landfills. Given the limited number of buildings and structures proposed, the construction and operation of the project would not result in wasteful, inefficient, or unnecessary consumption of energy. The project is consistent with the City’s Climate Action Plan and, therefore, would not conflict or obstruct a state or local plan for renewable energy or energy efficiency.

Geology and Soils

The checklist was revised to state a project would be considered to have an impact where it directly or indirectly caused a risk of harm to life or property due to existing geology and soil conditions. The project was not found to result in significant impacts related to geology and soil conditions and would not directly or indirectly cause any adverse effects from existing geology and soil conditions on the site.
Hazards and Hazardous Materials

The checklist was revised to include consideration of excessive noise for projects within an airport land use plan or within two miles of a public airport. The project is not located within an airport land use plan or two miles of a public use airport and, therefore, the revised checklist would have no effect on the conclusions related to airports in the Initial Study. The checklist was also revised to consider direct or indirect exposure of people or structures to risks involving wildland fires. The project site is not located in a fire hazard severity zone or the Wildland Urban Interface and, therefore, the revised checklist would have no effect on the conclusions related to wildland fires in the Initial Study.

Hydrology and Water Quality

The checklist was revised to more clearly address sustainable groundwater management planning, degradation of surface and groundwater quality, the effects of increased impervious surfaces, and the potential for flooding to result in pollutant releases. The project would not place buildings or structures within the 100-year flood hazard zone area of the site and, therefore, would not result in the release of pollutants from flooding. The project would not substantially decrease groundwater or groundwater recharge with the incorporation of stormwater treatment control measures and use of low flow faucets and water efficient landscaping. The project would not conflict with a water quality control plan or sustainable groundwater management plan.

Land Use

The checklist was revised to clearly state a project’s conflict with a land use plan, policy, or regulation, adopted for the purpose of mitigating an environmental effect would itself have to result in a significant environmental impact in order for the conflict to result in a land use impact. As described in Section 4.10 Land Use, the proposed park Master Plan does not conflict with any land use plan including Sonoma County Agricultural Preservation and Open Space District (SCAOPSD) easements on the property.

Noise

The checklist was revised to combine several questions in this section and focus on a project’s potential to generate noise. The current analysis in the Initial Study addresses these issues.

Population and Housing

The checklist was revised to focus on unplanned population growth in an area. The project does not require further analysis regarding unplanned population growth as it would not provide any housing.
Transportion

The checklist was revised to focus question a) on conflicts with plans addressing the circulation system. The revisions to question a) would not change the content or conclusions in the Initial Study. Checklist question b) was also revised to focus on the new CEQA Guidelines consideration of VMT instead of LOS. The Initial Study, page 106, addresses the current status of VMT based thresholds in the City of Santa Rosa. The revisions to question b) would not change the analysis or conclusions in the Initial Study. Checklist question d) included a minor clarifying text edit that would not change the analysis or conclusions in the Initial Study.

Tribal Cultural Resources

The requirements for consideration of Tribal Cultural Resources in the checklist have not changed and were included in the Initial Study as part of the Cultural Resources section.

Utilities and Service Systems

The checklist was revised to focus discussion on existing water supply planning requirements and clarify and consolidate other checklist questions. The issues addressed by the revised checklist were previously analyzed in the Initial Study and no changes in the analysis or conclusions would result.

Wildfire

The checklist was revised to include a Wildfire section addressing potential impacts for projects located in or near state responsibility areas or lands classified as very high fire hazard severity zones. As described in Section 4.8 Hazards and Hazardous Materials, the proposed park is not located in a fire hazard zone and, therefore, the checklist questions in this new section would not apply.

As described above, the revisions to the Appendix G CEQA Checklist would not result in any new impacts from the proposed Roseland Creek Community Park Master Plan.

Sincerely,

Will Burns, AICP
Principal Project Manager
APPENDIX E
RESPONSES TO COMMENTS

COMMENT A-1: If the City wants to receive additional matching grant funds from SCAPOSD (Ag + Open Space District), the City would also grant a conservation easement over 1370 Burbank. This conservation easement would be merged with the existing conservation easements so that a single conservation easement applies to the entire park. In addition, a Recreation Covenant for 1370 Burbank, that could also apply to the entire park, would also be a condition of the City’s receiving said District Matching Grant Program funding.

RESPONSE A-1: The City agrees with the understanding of the current matching grant for 1370 Burbank, that there will be a conservation easement and recreation covenant and it will be merged as one easement and covenant over the entire park.

COMMENT A-2: We request that you add the following language to your project description: “The central portion of the site contains the oak woodland habitat, which would be left intact and contain trails and interpretive signs. If needed for the health of the oak woodland habitat, the City would work with appropriate experts to develop and implement a tree maintenance or thinning plan.”

RESPONSE A-2: The requested text is incorporated in the Initial Study as shown in the Attachment 1 to this appendix.

B. RESPONSES TO COMMENTS FROM IRENE BARNARD, DATED DECEMBER 16, 2019.

COMMENT B-1: I’ve read thru the proposed Master Plan/MND for Roseland Creek Community Park, and as a Roseland neighbor to that area, I have a few comments:

I am glad for the opportunity to “add” more parkland and green space to the Roseland neighborhood, as it is a historically diverse neighborhood that has suffered due to the generally low incomes of many of its residents (who are often immigrants, elderly, and other folks who do not have a lot of resources). Also, I recently learned that Roseland has a paucity of parkland per capita, compared to the rest of Santa Rosa - and everything should be done to remedy that situation. We all know that time in nature benefits the body and the mind, and all residents should have equal access to a park close to where they live, regardless of income or social status.

I placed quotation marks around the word “add” above, because of course the land and the nature are already there, and I want to urge the City and County planners to do everything possible to maintain the natural state of this unique spot. This has been a treasure for Roseland residents for decades, and the utmost care must be taken in planning and constructing and development around this new park.

I would especially point out that the trees/plants, and the water - as well as the multiple species of flora and fauna they support (whether or not they are officially listed species of concern per CEQA or USFWS) must be preserved as close to their current (even if already close to development) state as possible. I especially direct attention to the large raptor nest in the group of look like eucalyptus/blue gum trees, by the now-demolished home on Burbank Avenue. As a frequent walker down Burbank,
I’ve repeatedly seen what appear to be red-tailed or red-shouldered hawks nesting there, and the nest is quite prominent and visible, primarily from the vicinity of the school across the street.

Please keep in mind that this place has been here and treasured for many years, and the greatest effort should be made to create a park that expands access to all, yet simultaneously maintains the wild character that has made it so beloved to area residents for so long.

RESPONSE B-1: As described in Section 4.4 Biological Resources, the project includes preconstruction surveys for nesting raptors and other migratory birds, as well as bat maternity roosts. The implementation of preconstruction surveys will ensure impacts to potential species on the site will be avoided through exclusion or appropriate setbacks as determined in consultation with CDFW. This comment does not raise any other concerns regarding the adequacy of the Initial Study/MND.

C. RESPONSES TO COMMENTS FROM TRISH TATARIAN, DATED DECEMBER 17, 2019.

COMMENT C-1: For the last 20 years many members in west Roseland have envisioned and worked towards the creation of a nature-centered park for the Roseland Creek Community Park. Tens of thousands of volunteer hours have been contributed to yearly park cleanups, ongoing trash removal, regular oversight to report crime and homeless encampment, attendance at endless public agency meetings to speak in favor of this project, and relentless advocacy work with staff and officials in the Santa Rosa Parks Department and City Council, County board of supervisors, Sonoma County Ag & Open Space District, and state and federal legislators. Volunteers from the California Native Plant Society lead invasive plant removal projects and are committed to restoration of the parcel north of the creek. Lastly, Land Paths and the Laguna Foundation have also expressed their intentions to sponsor outdoor education programs utilizing this Open Space preserve. Students from two schools are currently learning science and collecting data in the park. The vision always has been and still is to preserve and enhance the natural features of this land as a place easily accessible to the residents of Roseland where people of all ages can experience the joy and renewal of being in nature, and provide a setting for environmental education for the children of Roseland. After reviewing the November 1, 2019 Master Plan, we don’t agree with select elements for the following reasons:

1) A large picnic area just north of the creek (with 7 picnic tables) – this will encourage large-scale picnic parties along the riparian corridor, which is inappropriate for the proposed nature and education park. The noise and activity of picnic parties will drive the natural community away. The Behr Farm Park and Southwest Community Park, both within a quarter mile of the nature park, already provide facilities for this kind of picnicking.

RESPONSE C-1: The planned picnic area on the north side of the creek is located well outside the City’s typical 50-foot setback from the top of bank. The proposed picnic tables are distributed such that large-scale parties would be discouraged. Any related noise would be similarly limited and is not inconsistent with the planned park use.

COMMENT C-2: Two restrooms and a covered sink – There is no water or sewer hook-up on Burbank Avenue. What will be the source of water and where will the sewer run to? We feel that these elements are inappropriate.
The proposed restroom and sink facilities would result in a limited amount of additional water usage and sewage generation. Any extension of water or sewer facilities to the site would occur within existing developed/disturbed roadways. The City will work with engineering and design professionals to provide clean drinking water and restrooms to the site which may include alternatives to traditional hook-ups for sewer, water, and storm service.

**COMMENT C-3:** A total of 36 parking spaces – The Roseland Creek Elementary School is located across the street and can provide parking on the weekends. During the week, adults can walk to the park to enjoy the nature. The Nature Center and Outdoor Classroom in this environmentally sensitive location is appropriate. This park is so close to 3 elementary schools, a middle school and a high school, it provides an excellent opportunity accessible by walking for outdoor classroom activities during the school day.

**RESPONSE C-3:** The adequacy of parking provided by a project is not subject to CEQA. The Initial Study analyzed the impacts resulting from the proposed park uses, including the proposed parking spaces. The City cannot guarantee parking access on an ongoing basis to nearby lots operated by the Roseland School District.

**COMMENT C-4:** A shaded group picnic area and sports courts located south of the creek – These are two excessively noisy activities along the environmentally sensitive riparian corridor. There are three school campuses and two other parks within a quarter mile which provide soccer fields and basketball courts. We agree with the nature-themed playground and a small cluster of 2 – 3 picnic tables placed as close to the southern edge of the park as possible, in line of sight from Burbank Ave. so police officers can keep a watchful eye on the activity there for public safety reasons.

**RESPONSE C-4:** The planned shaded group picnic area and sports court on the south side of the creek are located outside the City’s typical 50-foot setback from the top of bank. The proposed sports court is located on southern border of the project site and both the sports court and picnic area are located in close proximity to the proposed parking lot. These facilities were planned to provide an adequate setback from the creek and were considered in the Biological Resources Assessment prepared for the project.

**COMMENT C-5:** How will the homeless issue be addressed with a sink that is open to the public as well as restrooms?

**RESPONSE C-5:** This comment does not raise any issue regarding the adequacy of the CEQA analysis for the project.

**D. RESPONSES TO COMMENTS FROM DUANE DEWITT, DATED DECEMBER 17, 2019.**

**COMMENT D-1:** Impossibilities and inadequacies of “mitigations” for the proposed Road building and Parking Lot building in the Roseland NeighborWood are a primary concern of myself and many other residents of Roseland. Santa Rosa’s plans for parking lots and paving in the Roseland Creek Park are counterproductive to the self-described plan as put forth by City of Santa Rosa Recreation and Parks Department. It will be impossible to mitigate for the negative impacts on nature. The Mitigated Negative Declaration of the city of Santa Rosa states, “The park is designed to preserve
With this in mind a “14 wide” paved Emergency Vehicle Access Road proposed with a “10 foot” wide paved area and “2-foot-wide gravel shoulders” on each side will be highly disruptive to the “natural habitat areas on the site”. In actuality this will do the exact opposite of “preserve and enhance the habitat values” on the site. Members of the community have previously written to the city to say, “The vision always has been to preserve and enhance the natural features of this land allowing residents of all ages to have a sanctuary from urban pressures and experience the renewal of being in nature. The City supported this effort for years, but the current Master Plan does not align with this vision.”

**RESPONSE D-1:** The proposed park has been designed, to the extent feasible, to place driveways and parking lots on previously disturbed areas and gravel driveways on the site. A Biological Resources Assessment was prepared for the project and all biological impacts have been mitigated to a less than significant level through the incorporation of mitigation measures.

**COMMENT D-2:** The city claims the path system to be built in what we call the Roseland NeighborWood must be American Disabilities Act compliant. Some “differently abled” local Roseland residents already use the site and have told me in person they are comfortable with “UNPAVED” pathways. Some who use wheelchairs are looking forward to better access to the natural areas. Therefore, this letter urges the city to avoid ANY and ALL new paving on the four parcels comprising the 19.5-acre site of the park. The construction of new roads and parking lots will have lasting negative effects on the nature. US Forest Service and National Parks often have unpaved pathways used by people of different abilities to visit “natural areas”. These types of paths comply with the ADA.

**RESPONSE D-2:** The City will continue to refine the proposed trail design materials to limit the increase in impervious surfaces on the site while providing pathways that comply with current building codes including ADA requirements, as feasible.

**COMMENT D-3:** Use of previously existing gravel driveways and concrete “pads” from previous buildings on site should be sufficient for Emergency Vehicle Access as they have been in the past. The need for mandated “setbacks” from the creek of a minimum of 50 feet per Santa Rosa City Code should guide how the city works with the public to carefully design a minimally invasive, least damaging, approach to nature in regards to public access to this site. It will be impossible to mitigate the negative effects of a road building project through a natural wildlife habitat area. It will be impossible to mitigate the effects of large paved parking lots in the NeighborWood. The Mitigated Negative Declaration is Inadequate to prove the road building and parking lot building is actually needed, let alone can somehow coexist with the “natural habitat areas on the site”.

**RESPONSE D-3:** With the exception of the southernmost driveway access to the site, which aligns with an existing driveway, and proposed pathways which are compatible within the creekside development setback, the proposed park improvements are located at least 50 feet from the top of bank. The two access driveways proposed on the project site align with existing access points and previously developed areas of the site. The Initial Study/MND analyzed the proposed park improvements and identified mitigation measures to reduce any impacts resulting from the project to a less than significant level.
COMMENT D-4: According to the city, “A nature center and restroom building would be constructed near the parking lot on the west side of the park, north of the creek. A picnic area and outdoor classroom or community garden are proposed to be located along the northern side of the riparian corridor at the edge of the oak woodland. On the south side of the riparian corridor, there would be a restroom near the parking lot, picnic areas (including a group BBQ area with a shade structure and sink), a nature-themed play area, a multi-use turf area, and sports court. A trail surrounding the multi-use turf and play areas would include fitness stations.” All of these things will disrupt natural wildlife habitat which is the very thing Roseland residents have worked so hard to save.

RESPONSE D-4: The Master Plan includes a variety of park uses including trails, a nature center, community garden or outdoor classroom north of Roseland Creek and active park uses focused in the areas south of Roseland Creek. The project has been designed to limit tree removal, avoid native grasses, and place bridge improvements outside the top of the bank of Roseland Creek. The potential for the project to impact special-status wildlife species would be reduced to less than significant levels through the implementation of mitigation measures described on pages 40 to 49 of the Initial Study. As described on pages 42 to 44 of the Initial Study, the City will be required to purchase mitigation credits for impacts to potential California tiger salamander upland dispersal habitat.

COMMENT D-5: A local concerned citizen has stated, “Including a multi-turf field, sports courts and BBQ areas as well as what would be accompanying noise and a high level of active recreation would negate natural features, and impact birds and wildlife relying on the property for survival. By comparison, appropriate planning would include (1) passive recreation through trails of pervious, not paved, surfaces, (2) interpretive signage, (3) understanding of and planned restoration of habitat types.”

RESPONSE D-5: The proposed active recreational park improvements are located south of Roseland Creek on the site. The park site north of the creek includes a nature center with associated parking lot, picnic areas, community garden or outdoor classroom, and primarily pervious trails, with interpretive signage. The potential for the project to result in direct impacts to special-status habitats and wildlife species has been mitigated through the implementation of mitigation measures described on pages 40 to 49 of the Initial Study.

COMMENT D-6: It has been pointed out “In the Initial Study, the biological resources review reveals diverse birds and wildlife relying on the Roseland Creek Preserve. Table 4.4.2, page 37, lists several special status avian species anticipated to occur on-site and in the area: Allen’s hummingbird, Loggerhead shrike, Nuttall’s woodpecker, Tricolored blackbird, White-tailed kite and Yellow-breasted chat.” As a volunteer for local creek cleanups done as unobtrusively as possible, I have observed Barn Owls, Red tailed Hawks and perhaps even a nest for Red Shoulder Hawks high up in one of the Eucalyptus trees next to the creek.

RESPONSE D-6: As described in Section 4.4 Biological Resources, the project includes preconstruction surveys for nesting raptors and other migratory birds, as well as bat maternity roosts (refer to Initial Study pages 41 and 44 to 46). The implementation of preconstruction surveys will ensure impacts to potential species on the site will be avoided through exclusion or appropriate setbacks as determined in consultation with CDFW.
COMMENT D-7: Bats have been of special interest to me and I believe there have been Bats in the area, including in some of the buildings destroyed by the city before releasing a Initial Study & MND.

RESPONSE D-7: Refer to Response D-6.

COMMENT D-8: Again, referring to 3.2.2 Park Amenities and Natural Features, “The park is designed to preserve and enhance the habitat values of the existing grassland, oak woodland, riparian and purple needlegrass habitat areas on the site. Trails and interpretive signs are proposed for the northern section of the park, with existing grassland to remain. The central portion of the site contains the oak woodland habitat, which would be left intact and would also contain trails and interpretive signs.”

Trails will bring humans into contact with nature in its natural state only if the city abandons plans to build wide roadways, parking lots, and other construction projects when it “develops”.

RESPONSE D-8: Refer to Responses D-3 and D-5.

COMMENT D-9: It is important to note the city comments in 3.2.3 Hours of Operation, “The proposed park would operate from sunrise (6:00 a.m.) to sunset (6:00 p.m. PST or 9:00 p.m. PDT), seven days per week consistent with City policies.” This will have a damaging effect upon nature near the roads and parking lots the city intends to build in the NeighborWood. Before elaborating I reference this from the Initial Study on page 10, “The California Supreme Court in a December 2015 opinion [California Building Industry Association v. Bay Area Air Quality Management District, 62 Cal. 4th 369 (No. S 213478)] confirmed that CEQA, with several specific exceptions, is concerned with the impacts of a project on the environment, not the effects the existing environment may have on a project. Therefore, the evaluation of the significance of project impacts under CEQA in the following sections focuses on impacts of the project on the environment, including whether a project may exacerbate existing environmental hazards. ... This is consistent with one of the primary objectives of CEQA and this document, which is to provide objective information to decision-makers and the public regarding a project as a whole. The CEQA Guidelines and the courts are clear that a CEQA document (e.g., EIR or Initial Study) can include information of interest even if such information is not an “environmental impact” as defined by CEQA.

Now I provide information from personal experience with Southwest Community Park about a half-mile south of Roseland NeighborWood. Some members of the public arrive every morning by automobiles during times of darkness with headlights which shine into the park where I never see any wildlife present anymore. No birds, no nature at all at the Southwest Community Park. Many people stay well after dark. I often see habitual drinkers of alcohol enter the park at all hours of the night and day to drink, smoke, and avoid abiding by any regulations the city of Santa Rosa may have put in place. The plan being put forward by the City of Santa Rosa will effectively be killing nature and natural habitat for wildlife throughout the NeighborWood and along Roseland Creek Riparian Corridor. This corridor is one of the few place wildlife have to be safe in Roseland. It is a migration pathway which is vital for wildlife in Roseland to survive.

RESPONSE D-9: Refer to Response D-4. Additionally, regarding trespassing outside of park hours or disturbances in the park, the City of Santa Rosa Police Department will provide law enforcement within the area.
COMMENT D-10: “Our artificial pathways make travel easy for us, but they have dramatic effects on wildlife movement and landscape connectivity by cutting off crucial corridors. Some wild individuals have a complete aversion to roads, which limits their movement through naturally available landscapes for food, mates, and home territories. Others dare to cross, often leaving bodies and orphans in their wake.” Write nature conservationists Josh Asel and Morgan Heim. This will be especially true where Santa Rosa is intending to make habitat for vehicles rather than wildlife in the Roseland Creek area. It is doubtful the “consultants” who the city has employed for this report did any complete comprehensive late-night observations of wildlife in the area of the creek or the Oak woodlands threatened by this project. With this in mind I am also doubtful about the city now saying wetlands or vernal pools no longer exist here. When wet winters occur, there is always standing water left for long periods of time in various places on the landscape of the 19.5 acres to be saved from development. Sometimes in the past from the end of summer to fall into the next rainy season these “wet spots” were there and grew larger again with the new rains. With increased tree plantings in the area, instead of paved roads and parking lots, there may again be better habitat for nature and wildlife.

RESPONSE D-10: As detailed in the Biological Resources Assessment included as Appendix A-2 (refer to page 9), biologists surveyed the site in 2017 and 2018 under wet and normal rainfall year conditions and determined wetlands were not present outside of the riparian areas of the site.

COMMENT D-11: At this point it is important to note the entire area of the Roseland NeighborWood/Creek Park is susceptible to fire. Barbeque pits and picnic areas could lead to some very dangerous situations at this place which will be different from other city parks such as Doyle Park or Southwest Community Park just to the south. The proposed “amenities” fly in the face of common sense for “The park is designed to preserve and enhance the habitat values of the existing grassland, oak woodland, riparian and purple needlegrass habitat areas on the site.” (3.2.2 Park Amenities and Natural Features)

RESPONSE D-11: The proposed location of the barbeque pits and picnic areas are outside of the creekside development setback in close proximity to the parking lot and active park use areas of the site. The Master Plan has been reviewed by the Santa Rosa Fire Department. The final location of each barbeque will be approved by the City’s Building Division and other relevant Departments during the construction document phase, which include the Fire Department.

COMMENT D-12: Because I am not a specialist in plants, though I have training in Urban Forestry, I have limited my comments. I believe the plans the city has put forward will have negative effects for not just trees which will be cut down unnecessarily, but also for some native plant species. It is disheartening for many in the community who have given much time and effort to save nature to our community, to have the city say nature be damned we plan to pave and put in parking lots.

Therefore, I request the city of Santa Rosa adopt the resident generated plan for this project. Or the project be redesigned with the community to truly save nature in Roseland while ensuring the youth of Roseland have a chance to see natural habitats near home.

RESPONSE D-12: The proposed project would remove four trees due to the proposed trail alignment and will provide replacement tree plantings on site. The project would also locate a pathway around the existing purple needlegrass grassland area of the site.
E. RESPONSES TO COMMENTS FROM THE MADRONE AUDUBON SOCIETY, DATED DECEMBER 18, 2019.

COMMENT E-1: We write to offer comments and recommendations for the “Roseland Community Park.” Madrone Audubon Society serves all of Sonoma County, and we are headquartered in Santa Rosa. Our members are very interested in the Roseland Creek Preserve property. (Please see 2 newsletter articles included with this letter.) For 20+ years, community advocates have dedicated extraordinary time and energy to enhance awareness about this property and the now, almost 20-acre Preserve is planned for a community amenity. Each year from March through August, Madrone Audubon devotes time nearby to a support project for a large heron and egret nesting colony. We sponsor the annual Nature and Bird Festival at Lincoln Elementary School on West 9th Street, near the nesting colony. This is a wonderful school-wide experience with immersion in nature for a full school day. We coordinate closely with Audubon Canyon Ranch and the Bird Rescue Center of Sonoma County for the festival.

Our Board President met with you last summer to explore opportunities for enhancement of natural features, to be able to provide the community with a unique Nature Preserve in Roseland. We followed up to inquire about the Roseland Creek property environmental review, awaiting that document, and expressed interest in meeting again. We continue to be interested in meeting. Having now, once again, reviewed the City’s plan, with the initial study and mitigated negative declaration (MND), we find the need to meet to be very important. We are deeply concerned about the City’s revised Master Plan for the property and the MND.

Including a multi-turf field, sports courts and BBQ areas as well as what would be accompanying noise and a high level of active recreation would negatively impact natural features, birds and wildlife relying on the property for survival. By comparison, appropriate planning would include (1) passive recreation through trails of permeable, unpaved, surfaces, (2) interpretive signage, (3) understanding of and planned restoration of habitat types - grassland, oak woodland, riparian corridor and creek, for education and public enjoyment. Also, a picnic area, an appropriately located restroom, the Nature Center located in the Burbank Avenue house and small adjacent building, available parking at that location, permeable surfaces with very limited paving, and a community garden would be congruent, low impact, yet high use, areas – interfacing with birds and wildlife, in harmony with, not disturbing, the natural environment. Other parking lot plans and paving are not appropriate and would contribute to excessive human and vehicle activity. We are uncertain what a “shade structure” entails, but an appropriately located structure near a community garden could be congruent with low impact, passive, yet high use, recreation, concurrent with protecting the natural environment and providing an amenity in balance with natural features and public access.

When we met a year ago, we suggested a coalition of nonprofit conservation organizations, dividing responsibilities, and hosting time at the Nature Center as well as collaborating to develop and offer environmental education for the nearby school students. The Roseland Creek Preserve, as we like to describe the property, rather than a Community Park, is a location waiting to be realized -- to help students connect to studies of biology, ecology, art and nature. Career paths to specialty areas addressing climate change impacts could be incubated at this property – such a consideration is necessary in 2020, not just a thought to consider. These opportunities should not be lost in the City’s plan for active recreation and excessive human activity, contraindicated for this property, as described above.

To edify, a community garden effectively planned and located is a passive activity that could also be high use and integrated into the Preserve. A veterans healing garden is also in the category of
appropriate, passive and potentially high-use. A picnic area would be appropriate, assuring the location is one where the public consistently and comfortably can enjoy an outing and picnic and birds and wildlife co-exist naturally and are not disturbed.

**RESPONSE E-1:** The Master Plan includes a variety of park uses including trails, a nature center, community garden or outdoor classroom north of Roseland Creek and active park uses focused in the areas south of Roseland Creek. The Initial Study/MND analyzed the potential for the project to result in impacts to biological resources and provided mitigation to reduce impacts to a less than significant level. Refer also to Responses D-4 and D-5.

**COMMENT E-2:** The City’s Document Description reads: “The proposed project would develop an approximately 19.49-acre project site on four contiguous parcels located between Burbank Avenue and McMinn Avenue in the Roseland neighborhood in southwest Santa Rosa. The park is designed to preserve and enhance the habitat values of the existing grassland, oak woodland, riparian and purple needle grass habitat areas on the site. The project includes trails and interpretive signs, two pedestrian bridges, a nature center, restrooms, picnic areas, outdoor classroom or community garden, play area, multi-use turf area, shade structure, sports court, and parking lots.”

In our experience, a more appropriate description, considering the future of this property, including educational opportunities, would be: “The proposed project would conserve an approximately 19.49-acre project site on four contiguous parcels located between Burbank Avenue and McMinn Avenue in the Roseland neighborhood in southwest Santa Rosa. The park, a Nature Preserve, is designed to preserve and enhance habitat values of the existing grassland, oak woodland, riparian and purple needle grass habitat areas on the site, and provide a setting for environmental education and projects to enhance the natural setting. The project includes trails and interpretive signs, two pedestrian bridges, a Nature Center, a restroom, a picnic area, a veterans healing garden, and room for a community garden and shade structure. All trails will be integrated into the property with permeable materials for passive recreation and enjoyment. One parking area to accommodate # vehicles, from Burbank Avenue will be provided in the Nature Center area.”

Environmental education opportunities for nearby public schools make this location an anchor property for students to learn about native plants, habitat types of grassland, oak woodland and riparian corridors, including the creek, and habitat restoration and enhancement, birds, wildlife, and climate change impacts and how to address those. Just one example of nature study is trees that may be aging or in less than optimal condition. Such trees are often selected and used by cavity nesting birds; selecting tree portions to remain and monitoring to understand how birds and wildlife rely on sometimes overlooked natural features will contribute to learning. The property is one with appeal to all ages, and for our youth especially – this property offers the potential for an enjoyable outdoor experience, connecting with many facets of nature, and sparking that interest and connection to educational pathways.

**RESPONSE E-2:** Refer to Responses D-6 and E-1.

**COMMENT E-3:** The Nature Center would provide an opportunity for a real Nature Center, to support environmental education and could be coordinated and offered by a coalition of nonprofit organizations with areas of expertise and shared participation. The Laguna Foundation is currently involved in a restoration project along Roseland Creek in immediate proximity to the Roseland Creek property. We understand the Sonoma County Water Agency is interested in involvement with creek restoration projects. We also understood the Sonoma County Ag and Open Space District is creating
a new conservation easement, combining the prior easements; the entire property, especially given its special conservation values and the presence of Roseland Creek, would benefit from a cohesive single Conservation Easement document.

**RESPONSE E-3:** The City has agreed to implement a conservation easement and recreation covenant that will be merged as one easement and covenant over the entire park.

**COMMENT E-4:** In the Initial Study, the Biological Resources review reveals diverse birds and wildlife relying on the Roseland Creek Preserve. Table 4.4.2, page 37, lists several special status avian species anticipated to occur on-site and in the area: Allen’s hummingbird, Loggerhead shrike, Nuttall’s woodpecker, Tricolored blackbird, White-tailed kite and Yellow-breasted chat.

This natural setting, currently with passive walkers and bikers for human encroachment, supports a perceived safe setting for avian nesting and nutrition. We observed an active Red-tailed hawk nest in one of the tall trees, visible from Burbank Avenue, on one of our visits. During that same visit, a Barn owl flew overhead as we were walking. On another visit, a black-tailed jack rabbit was observed hopping through the oak woodland area. Even the non-native vegetation, including non-native grassland, provides cover and areas for forage for existing wildlife and birds who rely on this only remaining open space with grassland, riparian corridor, creek and oak woodland. The vision of community advocates for a Nature Preserve is a statement of fact in terms of what the Roseland Creek property represents.

In addition, remarkable is the listing of Table 4.4-3 of bat species, including Fringed Myotis, Hoary Bat, Long-Legged Myotis, Pallid Bat, and Townsend’s Big-eared Bat, Western Red Bat, and Yuma Myotis. Table 4.4-4 identifies Western Pond Turtle as likely to occur on the property and in the area.

Experienced conservationists, naturalists and community members dedicated to environmental review of biological resource lists such as these recognize their significance. It highlights the need to further identify and document bird and wildlife species, how they are living and co-existing in diverse habitats and areas of the property, and then consider how to enhance and restore those areas, over time, while providing appropriate passive recreational uses and developing a meaningful education program to serve the public school community. Add to this the community garden, veterans healing garden, picnic area, a potential shade structure, and trails that are permeable and natural, with the Nature Center - and this is the Roseland Creek Community Park, or more appropriately named Roseland Creek Nature Preserve.

The veterans healing garden is a good example of the opportunity for visitors with reflection and passive recreation, as well as volunteers to help maintain and enhance the garden.

We urge the City of Santa Rosa to embrace and not lose this opportunity – it is unique and it is this land. Please engage our organization and other conservation organizations to collaborate, and move in a direction to honor this acreage, including a new conservation easement and its terms, to ensure an uplifting experience for community members, one with a vision to the future while sustaining and enhancing the current environment for people and birds and wildlife. This combination of approaches can produce a balanced plan to support low impact, high-level use, and a stellar and contemporary-to future educational program for the local schools.
We would appreciate scheduling a meeting with you. Thank you for the opportunity to comment.

**RESPONSE E-4:** Refer to Responses D-4 to D-6. This comment does not raise any other concerns regarding the adequacy of the Initial Study/MND.
This section contains revisions to the text of the Roseland Creek Community Park Initial Study dated November 2019. Revised or new language is underlined. All deletions are shown with a line through the text.

Page ii  
Table of Contents, Appendices; INSERT the following text to the list of appendices:

Appendix E  Responses to Comments

Page 7  
Section 3.2.2 Park Amenities and Natural Features; INSERT the following text as the fourth sentence in the paragraph:

If needed for the health of the oak woodland habitat, the City would work with appropriate experts to develop and implement a tree maintenance or thinning plan.
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<th>Impacts</th>
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<td>Air Quality</td>
<td><strong>Standard Permit Conditions</strong>: The following standard measures would be implemented during construction to reduce dust impacts:</td>
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<td>All measures shall be printed on all construction documents, contracts, and project plans and shall be reviewed by the Director of Recreation and Parks prior to the issuance of grading and building permits.</td>
<td>Director of Recreation and Parks or designee</td>
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<td>Construction dust</td>
<td>• All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.</td>
<td>The City and contractors shall be responsible for implementing the mitigation measures during all phases of construction.</td>
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<td>• All haul trucks transporting soil, sand, or other loose material off-site shall be covered.</td>
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<td>• All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.</td>
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<td>• All vehicle speeds on unpaved roads shall be limited to 15 mph.</td>
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<td>• All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.</td>
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<td>• Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five (5)</td>
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## MITIGATION MONITORING AND REPORTING PROGRAM

### Roseland Creek Community Park Master Plan Project

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|         | minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.  
  - All construction equipment shall be maintained and properly tuned in accordance with manufacturer’s specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.  
  - Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District’s phone number shall also be visible to ensure compliance with applicable regulations. | | | |

### Biological Resources

<p>| Impact BIO-1: Demolition of the existing buildings on the project site could potentially impact | MM BIO-1.1: A qualified biologist shall conduct a roost assessment survey of uninhabited residences located within the project site. The survey will assess use of the structure for roosting as well as potential presence of bats. If the biologist finds no evidence of, | The City will be responsible for ensuring MM BIO-1.1 occurs prior to issuance of grading | A final report documenting the survey effort and any protection measures | Director of Recreation and Parks or designee |
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| special-status bat species that may use them as a roost, and could result in the direct removal, abandonment, or destruction of the maternity roost. | or potential to support bat roosting, no further measures are recommended. If evidence of bat roosting is present, additional measures described below should be implemented:  
  - If evidence of bat roosting is discovered during the pre-construction roost assessment and demolition is planned August 1 through February 28 (outside the bat maternity roosting season), a qualified biologist should implement passive exclusion measures to prevent bats from re-entering the structures. After sufficient time to allow bats to escape and a follow-up survey to determine if bats have vacated the roost, demolition may continue and impacts to special-status bat species will be avoided.  
  - If a pre-construction roost assessment discovers evidence of bat roosting in the uninhabited residences during the maternity roosting season (March 1 through July 31), and determines maternity roosting bats are present, demolition of maternity roost structures will be avoided during the | or demolition permits and prior to any site disturbance including tree removal. | implemented by the project shall be submitted to the Director of Recreation and Parks or designee prior to the start of any grading and demolition activity or tree removal. |
### MITIGATION MONITORING AND REPORTING PROGRAM
Roseland Creek Community Park Master Plan Project

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<td><strong>Impact BIO-2:</strong> Construction activities associated with the project could potentially impact WPT occurring in the intermittent stream habitat along Roseland Creek.</td>
<td>maternity roosting season or until a qualified biologist determines the roost has been vacated.</td>
<td>The City and contractors shall implement MM BIO-2.1 prior to issuance of grading permits.</td>
<td>A final report documenting the survey effort and any protection measures implemented by the project shall be submitted to the Director of Recreation and Parks or designee prior to the start of any grading activity.</td>
<td>Director of Recreation and Parks or designee</td>
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<td><strong>Impact BIO-3:</strong> Construction activities associated with the project could potentially impact CTS occurring on</td>
<td>MM BIO-3.1: The project shall implement the following avoidance and mitigation measures contained in the Santa Rosa Plan Conservation Strategy:</td>
<td>The City will ensure MM BIO-3.1 to MM BIO-3.3 occurs prior to issuance of grading</td>
<td>Work restrictions shall be reflected on all plans. Mitigation credits shall be purchased prior to the</td>
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### MITIGATION MONITORING AND REPORTING PROGRAM

**Roseland Creek Community Park Master Plan Project**

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| the site and 1.37 acres of upland dispersal habitat. | • No ground disturbing activities shall be conducted during the wet season (October 15 through April 14) when CTS are likely to move through the site.  
• In addition to the seasonal work restriction, no ground disturbing activities occur within 48 hours of a rain event (defined as 0.25 inch or greater within a 24-hour period) because CTS are more likely to leave refugia and move during such rain events. | permits and during construction. | initiation of grading activity on the site. |  |

**MM BIO-3.2:** Based upon the Conservation Strategy and PBO, the appropriate ratio for upland habitat mitigation within the site is one acre of mitigation for every one acre of impact; the relevant parameter for determining this ratio is the location of nearest documented breeding habitat areas located between 2,200 feet and 1.3 miles from the site or reported adult occurrences. The project will impact 1.37 acres of CTS upland dispersal habitat, requiring 1.37 acres of mitigation credits. Mitigation is generally recommended to occur within the same area where impacts are taking place or mitigation bank credits may be purchased from an approved mitigation bank.
### MITIGATION MONITORING AND REPORTING PROGRAM
Roseland Creek Community Park Master Plan Project

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<td>In this case, the project site lies within the Southwest Santa Rosa Preserve System conservation area, southeast from Wright, northeast from Llano, and directly north from Stony Point conservation areas. As stated in the Conservation Strategy, considering the developed nature of the Southwest Santa Rosa Preserve System, other conservation areas are recommended for mitigation. Therefore, the areas recommended to mitigate for habitat lost within the site would be the Wright, Llano, or Stony Point Conservation Areas. MM BIO-3.3: Prior to construction, the City of Santa Rosa shall initiate a formal consultation with the USFWS and CDFW to determine final habitat compensation amounts for impacts to CTS and its habitat. Impact BIO-4: Construction activities and tree removal associated with the proposed project could result in the loss of fertile eggs, nesting raptors or MM BIO-4.1: Construction shall be scheduled to avoid the nesting season to the extent feasible. The nesting season for most birds, including most raptors in the San Francisco Bay area, extends from February 1 through August 15.</td>
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<td>The City shall ensure measures MM BIO-4.1 through MM BIO-4.3 are implemented prior</td>
<td>The biologist shall complete (if construction occurs during breeding season) a survey and submit the results of the</td>
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<td>other migratory birds, and bat maternity roosts. Nest abandonment could also occur.</td>
<td><strong>MM BIO-4.2:</strong> If it is not possible to schedule demolition and construction between September and January, pre-construction surveys for nesting birds shall be completed by a qualified ornithologist to ensure that no nests will be disturbed during project implementation. This survey shall be completed no more than 14 days prior to the initiation of construction activities during the early part of the breeding season (February through April) and no more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through August). During this survey, the ornithologist will inspect all trees and other possible nesting habitats immediately adjacent to the construction areas for nests. If an active nest is found sufficiently close to work areas to be disturbed by construction, the ornithologist, in consultation with CDFW, will determine the extent of a construction-free buffer zone to be established around the nest, typically 250 feet, to ensure that raptor or migratory bird nests will not be disturbed during project construction.</td>
<td>to issuance of grading permits.</td>
<td>survey to the City and CDFW, as necessary, for review and approval.</td>
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<td>down outside of the bat maternity roosting season (April 1 through August 15). If tree removal is necessary during the maternity season, preconstruction surveys for bat maternity roosts should be conducted by a qualified biologist no less than 14 days prior to the removal of the trees, or snags. Following the removal of any tree at any time of year, that tree shall be allowed to lay undisturbed for one night to allow any roosting bats to leave the tree or snag before chipping, grinding or off-hauling. If special-status bat species are detected during surveys, species avoidance and minimization measures shall be used.</td>
<td>The City would ensure the standard measures are implemented prior to issuance of grading permits.</td>
<td>All measures shall be printed on all construction documents and reviewed by the Director of Recreation and Parks or designee prior to any tree removal and the issuance of</td>
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<td><strong>Replacement of trees</strong></td>
<td><strong>Standard Conditions:</strong> As a condition of approval for tree removal permits, replacement trees shall be planted in accordance with the following criteria from the Ordinance:</td>
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<td>• For each six inches or fraction thereof of the diameter of a tree which was approved for removal, two trees of the same genus and species as the removed tree (or another species, if approved by the City), each of a minimum</td>
<td>The City would ensure the standard measures are implemented prior to issuance of grading permits.</td>
<td>All measures shall be printed on all construction documents and reviewed by the Director of Recreation and Parks or designee prior to any tree removal and the issuance of</td>
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<td>15-gallon container size, shall be planted on the project site, provided however, that an increased number of smaller size trees of the same genus and species may be planted if approved by the City, or a fewer number of such trees of a larger size if approved by the City.</td>
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<td>grading and building permits.</td>
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<td>• If the development site is inadequate in size to accommodate the replacement trees, the trees shall be planted on public property with the approval of the Director of the City’s Recreation and Parks Department. Upon the request of the developer and the approval of the Director, the City may accept an in-lieu payment of $100.00 per 15-gallon replacement tree on condition that all such payments shall be used for tree-related educational projects and/or planting programs of the City.</td>
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The following relevant tree protection measures during construction are required as a condition of approval, as excerpted from Section 17-24.050 of the Tree Ordinance:
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<td>• Before the start of any clearing, excavation, construction or other work on the site, every protected tree shall be securely fenced off at the “protected perimeter,” which shall be either the drip line or other limit as may be established by the City. Such fences shall remain continuously in place for the duration of all work undertaken in connection with the development. The area so fenced off shall not be used as a storage area or altered or disturbed except as may be permitted under this subsection.</td>
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<td>• If the proposed development, including any site work for the development, will encroach upon the protected perimeter of a protected tree, special measures shall be utilized, as approved by the Director, to allow the roots to obtain oxygen, water, and nutrients as needed. Any excavation, cutting, filling, or compaction of the existing ground surface within the protected perimeter, if authorized at all by the Director, shall be minimized and subject to such conditions as may be imposed by the Director. No significant change in existing</td>
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<td>ground level shall be made within the drip line of a protected tree. No burning or use of equipment with an open flame shall occur near or within the protected perimeter. All brush, earth and other debris shall be removed in a manner which prevents injury to the protected tree.</td>
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<td>• No oil, gas, chemicals or other substances that may be harmful to trees shall be stored or dumped within the protected perimeter of any protected tree, or at any other location on the site from which such substances might enter the perimeter of a protected tree. No construction materials shall be stored within the protected perimeter of a protected tree.</td>
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<td>• Underground trenching for utilities shall avoid major support and absorbing tree roots of protected trees. If avoidance is impractical, tunnels shall be made below the roots. Trenches shall be consolidated to service as many units as possible. Trenching within the drip line of protected trees shall be avoided to the greatest extent possible and shall only be</td>
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|         | done under the on-site directions of a Certified Arborist.  
- No concrete or asphalt paving shall be placed within the dripline of protected trees [selected for preservation]. No artificial irrigation shall occur within the root zone of oaks.  
- No compaction of the soil within the root zone of protected trees [selected for preservation] shall occur.  

The Tree Ordinance also allows the Director to impose additional conditions for work encroaching on the protected perimeter of a protected tree. Where construction activities overlap with heritage tree dripline the following protection measures will be required as conditions of approval:  

- A Tree Protection Zone (TPZ) equal to the dripline radius plus 10 feet shall be the standard TPZ for heritage trees selected for preservation in which ground disturbance shall be limited to the maximum extent feasible.  
- Where possible, temporary protective fencing shall be installed around the TPZ of each tree | | | | |
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|         | designated for preservation prior to commencement of any construction activity conducted within 25 feet of the TPZ, of a tree designated for preservation.  
* Many existing trees in the Project Area selected for preservation are situated too close to project improvements (e.g. trail alignments), where fencing around the TPZ is infeasible. In those cases, high visibility temporary fencing shall be wrapped around the tree trunk to signify the tree is to be saved and to alert machine operators to avoid damaging the tree. Extreme caution shall be taken to avoid mechanical injury to tree trunks, scaffold branches and root flares. As soon as required work is complete within the TPZ, temporary protective fencing shall be installed around the TPZ and shall remain in place as long as ground disturbance activities are taking place.  
* The fence shall consist of highly visible material (e.g. orange safety fencing) to prevent inadvertent encroachment by heavy machinery. Heavy equipment use, excavation, fill, grading, trenching, drainage changes or other soil | | | |
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| disturbance shall be limited within the TPZ. Material storage, vehicle parking, and trash disposal shall not occur within the TPZ.                                                                                                                | - Grading and soil compacting shall be restricted within the TPZ to the maximum extent feasible. If any significant roots (2 inch diameter or greater) are uncovered within the TPZ they shall be kept moist at all times with use of damp burlap fabric, and buried as soon as feasible.  
- Grading and/or trail construction within the TPZ of heritage trees shall be monitored periodically by a Certified Arborist. All necessary tree work should be performed by an ISA-Certified Arborist or comparable tree specialist. Improper pruning can be harmful to health and structure of trees. No tree pruning will be permitted unless approved by a Certified Arborist. Any pruning of existing trees shall be performed by a licensed tree care professional and shall comply with the ANSI A300 standards and International Society of Arboriculture (ISA) Best Management Practices for Tree Pruning. All tree pruning | | | |
## Cultural Resources

### Impact CUL-1:
Construction activities associated with the proposed project could result in the disturbance of subsurface prehistoric and/or historic resources, including a 19th century cemetery.

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<td>tools must be cleaned prior to and after use. All branches being removed shall be cut to, but not beyond, the branch collar. All pruning shall be done in a way that maintains the balance and structure of the tree. Site drainage should be designed to create positive drainage away from the trunk of preserved trees, and to prevent ponding within the TPZ. Supplemental irrigation of 1 to 2 inches monthly, may be necessary within the TPZ of preserved trees during construction within the dry season.</td>
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<td><strong>MM CUL-1.1:</strong> No prehistoric or historical archaeological sites were found within the study area but a 19th century cemetery is reported to be within the study area. Therefore, any ground disturbing activities in the northeast part of the parcel at 1400 Burbank Avenue (APN 125-331-001) shall be monitored by a professional archaeologist and/or a tribal monitor from culturally affiliated Tribe(s). Implementation of the following mitigation measures</td>
<td>The City and contractors shall be responsible for implementing the mitigation measures during all phases of construction.</td>
<td>All measures shall be printed on all construction documents, contracts, and project plans and shall be reviewed by the Director of Recreation and Parks or designee</td>
<td>Director of Recreation and Parks or designee</td>
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### CUL-1:
Construction activities associated with the proposed project could result in the disturbance of subsurface prehistoric and/or historic resources, including a 19th century cemetery. Implementation of the following mitigation measures:
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| will reduce potential impacts to prehistoric and historic resources to less than significant levels. | - If cultural resources are discovered during the project construction (inadvertent discoveries), all work in the area of the find shall cease and a qualified archaeologist and representatives of the culturally affiliated tribe(s) shall be retained by the project sponsor to investigate the find and make recommendations as to treatment and mitigation of any impacts to those resources. A qualified archaeological monitor will be present and will have the authority to stop and redirect grading activities, in consultation with any designated tribal monitors, to evaluate the significance of any archaeological resources discovered on the property.  
  - If human remains are encountered, consistent with California Health and Safety Code Section 7050.5, no further disturbance shall occur until the Sonoma County Coroner has made the necessary findings as to origin of the remains. Further, consistent with California | prior to the initiation of construction activities. |                      |                |
## MITIGATION MONITORING AND REPORTING PROGRAM
Roseland Creek Community Park Master Plan Project

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<td>Hazards and Hazardous Materials</td>
<td>Public Resources Code Section 5097.98(b), human remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Sonoma County Coroner determines the remains to be Native American, the Native American Heritage Commission shall be contacted within twenty-four (24) hours. The Native American Heritage Commission shall immediately identify the “most likely descendant(s)” and notify them of the discovery. The “most likely descendant(s)” shall make recommendations within forty-eight (48) hours, and engage in consultations with the landowner concerning the treatment of the remains, as provided in Public Resources Code Section 5097.98.</td>
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**Impact HAZ-1:** Demolition of the existing buildings on the project site could

**MM HAZ-1.1:** In conformance with state and local laws, a visual inspection/pre-demolition survey shall be conducted prior to the demolition of on-site

The City shall ensure measure MM HAZ-1.1 is implemented prior

The contractor shall perform inspections/surveys prior to

Director of Recreation and Parks or designee
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<td>potentially expose construction workers and nearby building occupants to harmful levels of asbestos or lead.</td>
<td>buildings to determine the presence or absence of asbestos-containing materials and/or lead-based paint. During demolition activities, all building materials containing lead-based paint shall be removed in accordance with Cal/OSHA Lead in Construction Standard, Title 8, California Code Regulations 1532.1, including employee training, employee air monitoring, and dust control. Any debris or soil containing lead-based paint or coatings would be disposed of at landfills that meet acceptance criteria for the waste being disposed. All potentially friable ACMs shall be removed in accordance with NESHAP guidelines prior to building demolition or renovation that may disturb the materials. All demolition activities shall be undertaken in accordance with Cal/OSHA standards contained in Title 8 of CCR, Section 1529, to protect workers from asbestos exposure. A registered asbestos abatement contractor shall be retained to remove and dispose of ACMs identified in the asbestos survey performed for the site in conformance with the standards stated above.</td>
<td>to issuance of demolition permits.</td>
<td>demolition and provide the results to the City for review and approval.</td>
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<td>Impact HAZ-2: A reported refuse dump on the northwest side of Roseland Creek containing glass containers and household debris including automobile parts could present a material threat of a potential release of hazardous substances.</td>
<td>Materials containing more than one percent asbestos are also subject to BAAQMD regulations. Removal of materials containing more than one percent asbestos shall be completed in accordance with BAAQMD requirements and notifications.</td>
<td>The City shall ensure measure MM HAZ-2.1 is implemented prior to issuance of any grading permits.</td>
<td>Contractor shall perform soil sampling and testing and prepare HSP and SMP, as needed. Testing results shall be provided to applicable regulatory agencies, as needed.</td>
<td>Director of Recreation and Parks or designee</td>
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<td>MM HAZ-2.1: Soil sampling and analytical testing shall be performed on that portion of the site identified as the “refuse dump” in the report entitled Phase I Environmental Site Assessment, Roseland Creek Community Park, 1400 Burbank Avenue, APN 125-331-001, Santa Rosa, California, prepared by Econ, dated February 19, 2010. If hazardous materials are detected at levels that exceed regulatory thresholds, the extent of the contamination shall be identified, and recommendations for a Health and Safety Plan (HSP), Soil Management Plan (SMP), and methods for a cleanup shall be implemented, as applicable. This work shall be performed under the oversight of a regulatory agency such as the Sonoma County Department of Environmental Health and Safety or the Department of Toxic Substances Control.</td>
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<td><strong>Noise and Vibration</strong></td>
<td><strong>Impact NV-1:</strong> The project would construct a proposed park adjacent to noise sensitive, residential and educational uses which could result in temporary disturbances during construction.</td>
<td>The City shall ensure MM NV-1.1 occurs during all phases of construction. Copies of the advance notice of construction activity shall be provided to the City prior to grading permit.</td>
<td>The Director of Recreation and Parks or designee shall designate a “disturbance coordinator” for construction activities and notify local residents regarding the proposed construction schedule.</td>
<td>Director of Recreation and Parks or designee</td>
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<td><strong>MM NV – 1.1:</strong> The City will incorporate the following practices into the construction documents to be implemented by the project contractor:</td>
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<td>- Maximize the physical separation between noise generators and noise receptors. Such separation includes, but is not limited to, the following measures:</td>
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<td>- Locate stationary equipment to minimize noise impacts on the community;</td>
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<td>- Minimize backing movements of equipment;</td>
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<td>- Use quiet construction equipment whenever possible and properly maintained and muffled internal combustion engine-drive construction equipment;</td>
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<td>- Impact equipment (e.g., jack hammers and pavement breakers) shall be hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically-powered tools.</td>
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<td>- Compressed air exhaust silencers shall be used on other equipment.</td>
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<td>• Prohibit unnecessary idling of internal combustion engines.</td>
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<td>• The Director of Recreation and Parks shall designate a “disturbance coordinator” for construction activities. The coordinator would be responsible for responding to any local complaints regarding construction noise and vibration. The coordinator would determine the cause of the noise or vibration complaint and would implement reasonable measures to correct the problem.</td>
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<td>• The construction contractor shall send advance notice in conjunction with the City of Santa Rosa Recreation and Parks Department to neighborhood residents within 300 feet of the project site regarding the construction schedule and including the telephone number for the disturbance coordinator at the construction site. Copies of the advance notice of construction activity shall be provided to the City.</td>
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Source:  *Roseland Creek Community Park Initial Study.* November 2019.