

*Marysville Joint Unified School District*

# **Lindhurst High School Access Project**

*Draft*  
**Initial Study and  
Mitigated Negative  
Declaration**

**April 2013**



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# Lindhurst High School Access Project

## *Draft* *Initial Study-Mitigated Negative Declaration*

*Prepared for:*

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*April 2013*

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## 1.0 INTRODUCTION

### 1.1 PURPOSE OF THE INITIAL STUDY-MITIGATED NEGATIVE DECLARATION

This Initial Study-Mitigated Negative Declaration (IS-MND) has been prepared to identify and analyze the anticipated environmental impacts of the development of a bicycle, pedestrian, maintenance, and emergency access way from 4347 Evelyn Drive to the existing Lindhurst High School located at 4446 Olive Avenue, in the community of Olivehurst. Under the California Environmental Quality Act (CEQA), the proposed project requires discretionary action, and is therefore a “project” as defined under CEQA and subject to CEQA review. The lead agency is the Marysville Joint Unified School District (MJUSD). This IS-MND has been prepared to comply with these applicable regulations.

Section 15063(c) of the *CEQA Guidelines* defines an Initial Study as the proper preliminary method of analyzing the potential environmental consequences of a project. The purposes of an Initial Study are:

- (1) To provide the Lead Agency with the necessary information to decide whether to prepare an Environmental Impact Report (EIR) or a Mitigated Negative Declaration;
- (2) To enable the Lead Agency to modify a project, mitigating adverse impacts, thus avoiding the need to prepare an EIR; and
- (3) To provide sufficient technical analysis of the environmental effects of a project to permit a judgment based on the record as a whole, that the environmental effects of a project have been adequately mitigated.

Section 15070 of the *CEQA Guidelines* states that a public agency shall prepare a negative declaration or mitigated negative declaration for a project subject to CEQA when:

- (a) The Initial Study shows that there is no substantial evidence, in light of the whole record before the agency, that the project may have a significant effect on the environment; or
- (b) The Initial Study identifies potentially significant effects but:
  1. Revisions in the project plans or proposals made by, or agreed to by the applicant before a proposed Mitigated Negative Declaration and Initial Study are released for public review would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur; and
  2. There is no substantial evidence, in light of the whole record before the agency, that the project as revised may have a significant effect on the environment.

An IS-MND may be used to satisfy the requirements of CEQA when a proposed project would have no significant unmitigable effects on the environment. As discussed further in subsequent



sections of this document, implementation of the proposed project would not result in any significant effects on the environment that cannot be reduced to below a level of significance with the mitigation measures included herein.

## **2.0 PROJECT DESCRIPTION**

### **2.1 PROJECT LOCATION**

The project site is located at 4347 Evelyn Drive in the community of Olivehurst, in Yuba County. Yuba County is located north of Sacramento, in the Sacramento Valley. Yuba County encompasses approximately 644 square miles and is bordered by Butte County to the north, Plumas and Sierra Counties to the northeast, Nevada County to the east, Placer County to the south, and Sutter County to the west. Figure 2-1 shows the regional location of the proposed project.

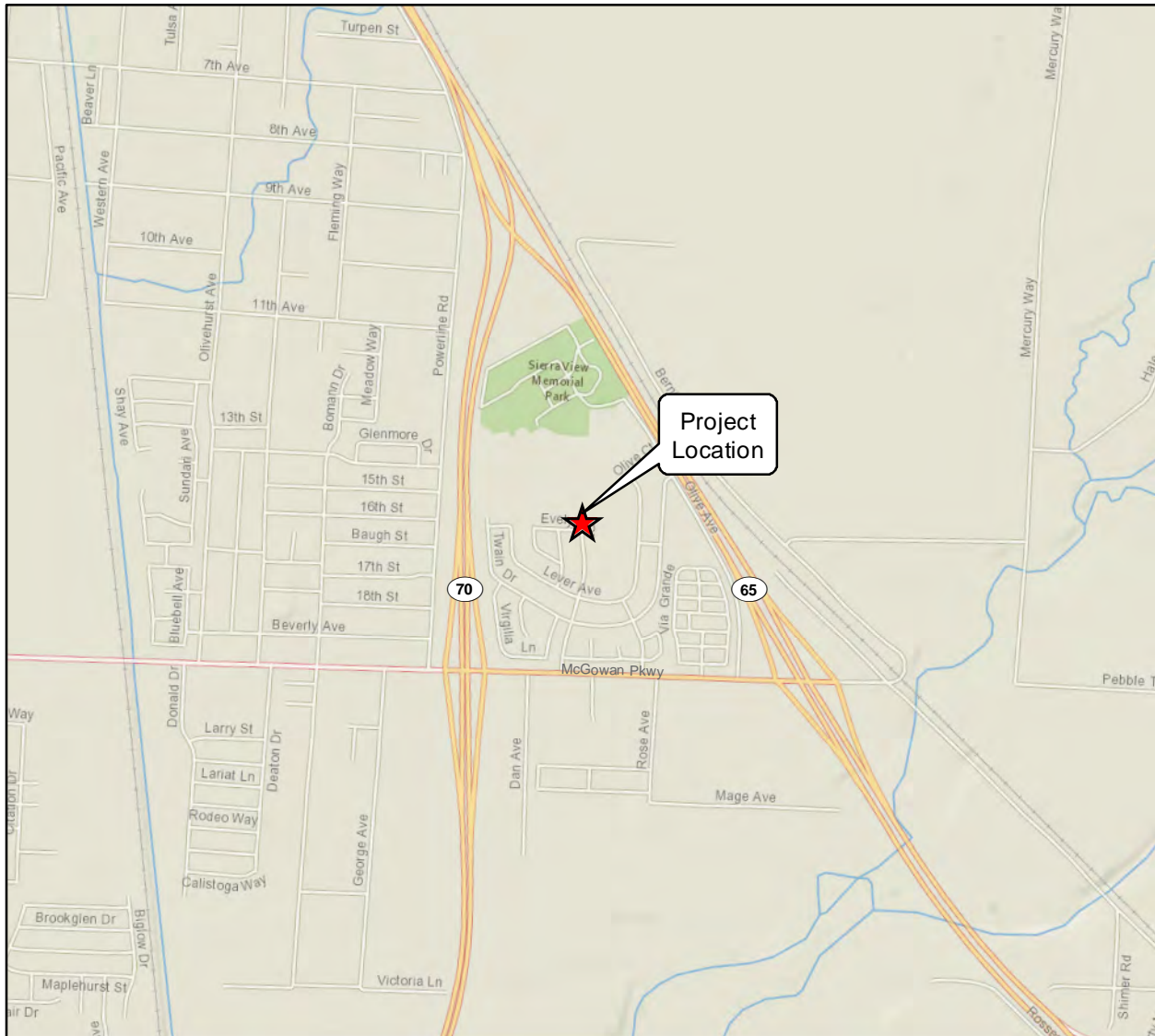
The project site is located within an existing residential subdivision bound by Highway 70 to the west, Highway 65 to the east, McGowan Parkway to the south and Lindhurst High School to the north. The site is currently vacant and totals 0.17 acre. Figure 2-2 shows the location of the project site and adjacent roadways.

The project site is located in the Olivehurst, California Quadrangle Map of the United States Geological Survey (USGS) 7½-Minute topographic series in Township 14.N, Range 4E, Section 4.

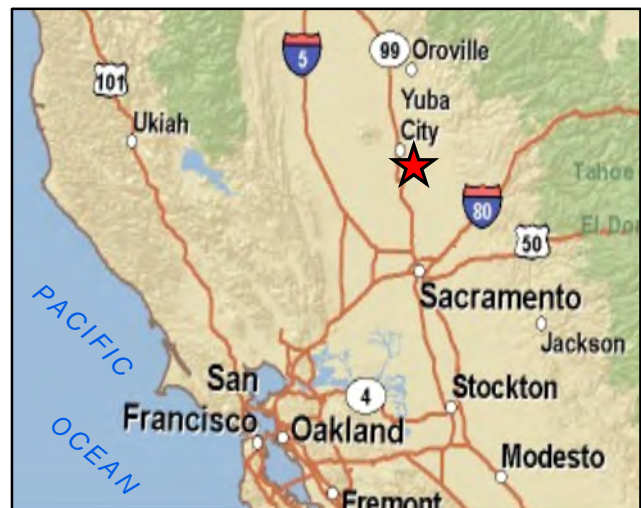
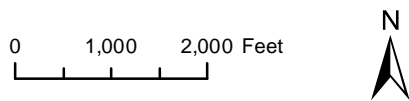
### **2.2 PROJECT CONTACT PERSON**

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Imagery provided by National Geographic Society,  
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Regional Location

Figure 2-1





Imagery provided by ESRI and its licensors © 2012.

 Project Boundary

0 125 250 Feet



Site Location

Figure 2-2

## **2.3 PROJECT OBJECTIVES**

The primary objectives of the proposed project are as follows:

- *To provide additional emergency access to Lindhurst High School from the southern property boundary*
- *To enhance pedestrian and bicycle access to Lindhurst High School from the southern property boundary*
- *To encourage pedestrian and bicycle modes of transit to Lindhurst High School*
- *To provide access for MJUSD maintenance and related personnel*

## **2.4 PROJECT DESCRIPTION**

The MJUSD is proposing to develop a 20-foot wide bicycle, pedestrian, and emergency access way from 4347 Evelyn Drive to the existing Lindhurst High School located at 4446 Olive Avenue in the community of Olivehurst. The access way would be via a 0.17-acre vacant parcel (APN 014-550-013) at 4347 Evelyn Drive. The project site is currently designated Single Family Residential (R-1). The project would include a concrete path, landscaping, lighting and fencing. The concrete path, which would primarily be used by pedestrians and bicyclists, would also be available as an access way for emergency vehicles in the event of an emergency. The project would also include safety lighting and irrigation. Lighting would be located on poles and placed along the concrete access way. The project would require water for irrigation of proposed landscaping, which would be provided by the existing irrigation system at Lindhurst High School. Irrigation would include small sprinklers and drip irrigation for landscaping. Figure 2-3 shows the proposed site plan.

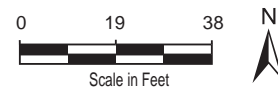




Source: Marysville Joint Unified School District, August 21, 2012.



Project Boundary



Proposed Site Plan

Figure 2-3

Marysville Joint Unified School District

## **2.5 LIST OF RESPONSIBLE AGENCIES AND REQUIRED PERMITS AND APPROVALS**

The MJUSD is the primary decision making body for the proposed project and has the authority to approve or deny the project. As such, the MJUSD is the lead agency for the project. The project would also require the following approvals or entitlements from various responsible agencies:

- **Division of State Architecture** – Approve proposed access design

## 2.6 DETERMINATION

On the basis of this initial evaluation:

|   |   |
|---|---|
| I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.   |   |
| I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described in the attached Initial Study have been added to the project. A MITIGATED NEGATIVE DECLARATION will be prepared.  | X |
| I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.  |   |
| I find that the proposed project MAY have a significant effect(s) on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "Potentially Significant Impact" or "Potentially Significant Unless Mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed. |   |
| I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (1) have been analyzed in an earlier EIR pursuant to applicable standards and (2) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.   |   |

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Date



## 3.0 ENVIRONMENTAL CHECKLIST

The environmental factors checked below potentially would be significantly affected by this project.

- |  |   |
|--|---|
| <input type="checkbox"/> Aesthetics                      | <input type="checkbox"/> Land Use and Planning              |
| <input type="checkbox"/> Agricultural Resources          | <input type="checkbox"/> Mineral Resources                  |
| <input checked="" type="checkbox"/> Air Quality          | <input type="checkbox"/> Noise/Vibration                    |
| <input type="checkbox"/> Biological Resources            | <input type="checkbox"/> Population and Housing             |
| <input type="checkbox"/> Cultural Resources              | <input type="checkbox"/> Public Services                    |
| <input type="checkbox"/> Geology and Soils               | <input type="checkbox"/> Recreation                         |
| <input type="checkbox"/> Global Climate Change           | <input type="checkbox"/> Transportation/Circulation         |
| <input type="checkbox"/> Hazards and Hazardous Materials | <input type="checkbox"/> Utilities and Service Systems      |
| <input type="checkbox"/> Hydrology and Water Quality     | <input type="checkbox"/> Mandatory Findings of Significance |

In addition to general CEQA requirements, school related projects must also satisfy several specific requirements established in the California Education Code and California Code of Regulations. The applicable sections of the Education Code and California Code of Regulations are listed below in Table 3-1, along with a description of the general topic and the Environmental Checklist section in which each requirement is addressed.

**Table 3-1. Special Requirements under the State School Facility Program**

| General Topic   | Education Code Section | California Code of Regulations Section | Environmental Checklist Issue Area |
|---|------------------------|--|------------------------------------|
| Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate to high liquefaction?  | *                      | Title 5 § 14011(i)                     | Geology and Soils                  |
| Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to landslides?   | *                      | Title 5 § 14011(i)                     | Geology and Soils                  |
| Would the project involve the construction, reconstruction, or relocation of any school building on a geologic fault or trace fault along which surface rupture can reasonably be expected to occur within the life of the school building? | § 17212 & § 17212.5    | Title 5 § 14010(f)                     | Geology and Soils                  |
| Is the project site the site of a current or former hazardous waste disposal site or solid waste disposal site and, if so, have the wastes been removed?  | § 17213(a)(1)          | *                                      | Hazards and Hazardous Materials    |
| Is the project site a hazardous substance release site identified by the State Department of Health Services in a current list adopted pursuant to § 25356 for  | § 17213(a)(2)          | *                                      | Hazards and Hazardous Materials    |



**Table 3-1. Special Requirements under the State School Facility Program**

| <b>General Topic</b>  | <b>Education Code Section</b> | <b>California Code of Regulations Section</b> | <b>Environmental Checklist Issue Area</b> |
|---|-------------------------------|---|---|
| removal or remedial action pursuant to Chapter 6.8 of Division 20 of the Health and Safety Code?  |                               |   |   |
| Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the School?  | §17213(c)(1)(C)               | *   | Hazards and Hazardous Materials           |
| Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; b) freeways and other busy traffic corridors; c) large agricultural operations; and/or d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances or waste? | § 17213(b)                    | *   | Hazards and Hazardous Materials           |
| Is the school site an area designated in a city, county, or city and county general plan for agricultural use and zoned for agricultural production, and if so, do neighboring agricultural uses have the potential to result in any public health and safety issues that may affect the pupils and employees at the school site?   | § 17215.5(a)                  | *   | Hazards and Hazardous Materials           |
| Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?  | *                             | Title 5 § 14010(t)                            | Hazards and Hazardous Materials           |
| Is the proposed school site a site that contains one or more pipelines, situated underground or aboveground, which carry hazardous substances, acutely hazardous materials, or hazardous wastes, unless the pipeline is a natural gas line that is used only to supply natural gas to that school or neighborhood?  | § 17213(a)(3)                 | *   | Hazards and Hazardous Materials           |
| Is the proposed school site located near an above-ground water or fuel storage tank or within 1,500 feet of an easement of an above-ground or underground pipeline that can pose a safety hazard to the site?   | *                             | Title 5 § 14010(h)                            | Hazards and Hazardous Materials           |
| Is the proposed school site located on a site containing or underlain by naturally occurring hazardous materials?   | § 17213.1(a)(B)iii            | *   | Hazards and Hazardous Materials           |
| Is the proposed school site located on a site where the property line is less than the  | *                             | Title 5 § 14010(c)                            | Hazards and Hazardous Materials           |





**Table 3-1. Special Requirements under the State School Facility Program**

| General Topic  | Education Code Section | California Code of Regulations Section | Environmental Checklist Issue Area |
|--|------------------------|--|------------------------------------|
| following distances from the edge of the respective power line easements: 1) 100 feet of a 50-133 kV line; 2) 150 feet of a 220-230 kV line; or 3) 350 feet of a 500-550 kV line?          |                        |  |                                    |
| Is the proposed school site within two miles, measured by air line, of that point on an airport runway or potential runway included in an airport master plan that is nearest to the site? | § 17215(a)&(b)         | *                                      | Hazards and Hazardous Materials    |
| Is the project site subject to flooding or dam inundation?   | *                      | Title 5 § 14011(g)                     | Hazards and Hazardous Materials    |
| Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?                                      | *                      | Title 5 § 14010(m)                     | Land Use                           |
| Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?                           | *                      | Title 5 § 14010(e)                     | Noise                              |
| Is the proposed school site located adjacent to or near a major arterial roadway or freeway that may pose a safety hazard?   | *                      | Title 5 § 14010(e)                     | Transportation and Circulation     |
| Are traffic and pedestrian hazards mitigated per Caltrans', "School Area Pedestrian Safety" manual?  | *                      | Title 5 § 14010(l)                     | Transportation and Circulation     |
| Is minimum peripheral visibility maintained for driveways per Caltrans' Highway Design Manual?   | *                      | Title 5 § 14010(k)                     | Transportation and Circulation     |
| Is the proposed school site within 1,500 feet of a railroad track easement?  | *                      | Title 5 § 14010(d)                     | Transportation and Circulation     |

The following checklist was developed as a tool to screen potential environmental impacts and is consistent with questions contained in the Appendix G of the CEQA Guidelines. The questions in Table 3-1 above have been added to the checklist below to ensure that all California Education Code and California Code regulations are satisfied. An environmental impact analysis discussion and finding is included after each issue area.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|--|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>I. <u>AESTHETICS</u> – Would the project:</b>   |                                      |  |                                     |                                     |
| a) Have a substantial adverse effect on a scenic vista?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) Substantially degrade the existing visual character or quality of the site and its surroundings?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?                                    | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

### **Answers to Checklist Questions**

#### ***Questions A, B and C:***

The project site is currently vacant and is located within an existing residential subdivision. There are no designated scenic highways or designated scenic resources on or near the project site. The site does not provide a vantage point to a scenic vista, nor are there any rock outcroppings, or historic buildings on the site. The site is zoned Single Family Residential (R-1) and is therefore intended for residential development. The proposed project would not include residential development, however, no components of the project would conflict with surrounding residences or substantially alter the character of the site. No buildings or structures would be developed. There would be no impacts to scenic vistas or scenic resources, and impacts to the visual character of the site and its surroundings would be less than significant.

#### ***Question D:***

The proposed project would introduce light from safety lighting along the access way. Lighting would be located on poles and placed along the access way. The safety lighting would be designed to direct light away from existing residences to prevent light spillage. The proposed project would not use materials that would introduce glare. Impacts related to safety lighting would be less than significant.

### **Mitigation**

No mitigation is required.



|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|--|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>II. <u>AGRICULTURE AND FOREST RESOURCES</u></b> -- In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. -- Would the project: |                                      |  |                                    |                                     |
| a) Convert Prime Farmland, Unique Farmland, 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?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |



51104(g))?

- |   |                          |                          |                          |                                     |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| d) Result in the loss of forest land or conversion of forest land to non-forest use?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

### Answers to Checklist Questions

#### *Question A through D:*

The project site is currently zoned Single Family Residential (R-1) and is located within an existing residential subdivision and does not contain timberland or agricultural land. As such, the project site would not convert agricultural land, Williamson Act Contract land, or timberland to non-agricultural or non-timberland uses. No impacts would occur.

### Mitigation

No mitigation is required.

|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|---|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>III. <u>AIR QUALITY</u> – Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:</b>            |                                      |  |                                    |                                     |
| a) Conflict with or obstruct implementation of the applicable air quality plan?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?  | <input type="checkbox"/>             | <input checked="" type="checkbox"/>                                | <input type="checkbox"/>           | <input type="checkbox"/>            |
| c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative | <input type="checkbox"/>             | <input checked="" type="checkbox"/>                                | <input type="checkbox"/>           | <input type="checkbox"/>            |



|  | Potentially<br>Significant<br>Impact   | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated                       | Less than<br>Significant<br>Impact  | No<br>Impact  |
|--|--|--|---|---|
| <b>III. <u>AIR QUALITY</u></b> – Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:<br><br>thresholds for ozone precursors)?<br><br>d) Expose sensitive receptors to substantial pollutant concentrations?<br><br>e) Create objectionable odors affecting a substantial number of people? | <br><br><br><br><br><input type="checkbox"/><br><br><br><br><br><input type="checkbox"/> | <br><br><br><br><br><input type="checkbox"/><br><br><br><br><br><input type="checkbox"/> | <br><br><br><br><br><input checked="" type="checkbox"/><br><br><br><br><br><input type="checkbox"/> | <br><br><br><br><br><input type="checkbox"/><br><br><br><br><br><input checked="" type="checkbox"/> |

### **Setting**

The project is located within the Feather River Air Quality Management District (FRAQMD). Based on FRAQMD Indirect Source Review Guidelines, the proposed project is a “Type 2” project, which is a non-land use project that has no operational phase. In other words, once the project is complete, it will not generate ongoing emissions. By encouraging bicycle and pedestrian trips, the project would reduce vehicle generated emissions over the long-term. As such, FRAQMD recommends that only construction emissions are quantified and measured against applicable thresholds. FRAQMD recommends the Roadway Construction Emissions Model to estimate construction emissions. FRAQMD has established maximum construction emissions thresholds of 25 pounds per day of Reactive Organic Compounds (ROG) and Nitric Oxide (NO<sub>x</sub>) and 80 pounds per day of particulate matter (PM<sub>10</sub>).

FRAQMD also requires evaluation of construction diesel particulate matter (exhaust PM<sub>10</sub>) when construction activities are located within 1,000 feet of a sensitive receptor, which would include school sites and residential land uses.

### **Answers to Checklist Questions**

#### ***Question A:***

The proposed project would provide bicycle and pedestrian access, as well as additional emergency access to the existing Lindhurst High School. The project would not generate additional vehicle trips nor would the access way be open to through traffic and therefore would not result in additional long-term operational emissions beyond that already occurring at the high school. Moreover, the project would provide bicycle and pedestrian access to the existing high school from an existing residential subdivision and thereby encourage bicycling and walking modes of transit, which could contribute to an overall reduction in vehicle trips



and associated emissions. As such, the project would not conflict with applicable air quality plans as it would not generate long-term emissions. No impacts would result.

***Questions B and C:***

As discussed above, the proposed project would not generate long-term operational emissions. However, construction activities including the use of a backhoe, pavement roller and trencher would result in short-term emissions. In addition, the project would require minor earth disturbing activities such as trenching for utilities (electricity and water) and minor fine grading, which would result in the release of PM<sub>10</sub> emissions (dust). FRAQMD recommends the Roadway Construction Emissions (RCE) Model to estimate construction emissions. FRAQMD has established maximum construction emissions thresholds of 25 pounds per day of Reactive Organic Compounds (ROG) and Nitric Oxide (NO<sub>x</sub>) and 80 pounds per day of particulate matter (PM<sub>10</sub>). Based on the results of the RCE Model, construction activities would emit a maximum of 2.1 pounds of ROG per day, 10.6 pounds of NO<sub>x</sub> per day and 0.8 pounds per day of PM<sub>10</sub><sup>1</sup>. As such, construction activities of the proposed project would not exceed FRAQMD construction thresholds. However, given that the air basin is in non-attainment for the state 1-hour ozone (O<sub>3</sub>), 8-hour ozone, and particulate matter (PM<sub>10</sub>) standards, as well as the federal 8-hour ozone standard and PM<sub>2.5</sub> standard, FRAQMD recommends the implementation of standard construction phase mitigation measures for all construction activities.

***Question D:***

FRAQMD requires evaluation of construction diesel particulate matter (in the form of exhaust PM<sub>10</sub>) when construction activities are located within 1,000 feet of a sensitive receptor because diesel is listed by the Environmental Protection Agency (EPA) as a Toxic Air Contaminant (TAC). Proposed construction activities would occur within 1,000 feet of the existing Lindhurst High School and would be located immediately adjacent to existing residential land uses. The proposed project would emit a maximum of 1 pound of diesel particulate matter per day of construction. FRAQMD does not have established thresholds for diesel particulate matter; however, they recommend use of the California Air Resources Board (CARB) *Air Quality and Land Use Handbook* (2005) for guidance on analyzing such impacts. The *Handbook* is intended for analyzing the siting of sensitive land uses near sources of TACs and associated long-term exposure to TACs. The project is not a land use project that would result in long-term, ongoing emissions. The project would only result in short-term (approximately one month) construction emissions that do not exceed applicable FRAQMD thresholds, and the project would emit negligible diesel particulate matter. Therefore, impacts would be less than significant.

***Question E:***

The proposed project would not create any objectionable odors. No impacts would occur.

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<sup>1</sup> Construction emissions estimates represent the maximum that could occur in one day of construction, average emissions would be less than that shown. Construction emissions calculations are located in Appendix B.



### **Mitigation**

The following FRAQMD emissions control measures are required to reduce air quality impacts to a less than significant level:

- AQ-1 Standard Construction Phase Mitigation Measures.** The applicant shall implement the following standard mitigation measures to offset construction-related air quality impacts:
1. *Implement the Fugitive Dust Control Plan*
  2. *Construction equipment exhaust emissions shall not exceed FRAQMD Regulation III, Rule 3.0, Visible Emissions limitations (40 percent opacity or Ringelmann 2.0)*
  3. *The contractor shall be responsible to ensure that all construction equipment is properly tuned and maintained prior to and for the duration of onsite operation.*
  4. *Limiting idling time to 5 minutes – save fuel and reduces emissions. (State idling rule: commercial diesel vehicles – 13 CCR Chapter 1- Section 2485 effective 02/01/2005; off road diesel vehicles – 13 CCR Chapter 9 Article 4.8 Section 2449 effective 05/01/2008)*
  5. *Utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary power generators.*
  6. *Develop a traffic plan to minimize traffic flow interference from construction activities. Provide a flag person to guide traffic properly and ensure safety at construction sites.*
  7. *Portable engines and portable engine-driven equipment units used at the project work site, with the exception of on-road and off-road motor vehicles, may require California Air Resources Board (ARB) Portable Equipment Registration with the State or a local district permit. The owner/operating shall be responsible for arranging appropriate consultations with the ARB or the District to determine registration and permitting requirements prior to equipment operation at the site.*

### **Significance After Mitigation**

With implementation of the above measures, potential impacts related to air quality would be reduced to a less than significant level.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|--|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>IV. <u>BIOLOGICAL RESOURCES</u> --</b>  |                                      |  |                                    |                                     |
| Would the project:   |                                      |  |                                    |                                     |
| 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 Game or U.S. Fish and Wildlife Service? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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, or impede the use of native wildlife nursery sites?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |





**Answers to Checklist Questions**

***Question A, B, C and D:***

The project site is a vacant lot located within an existing residential subdivision and is surrounded by urban development. The site was previously occupied by a single-family residence; however, that residence has since been demolished and removed from the site. The site currently has a mixture of dirt and gravel ground cover. There are no water bodies, streams, creeks or wetlands on the project site. Accordingly, the site would not be expected to contain sensitive plant species or suitable habitat for sensitive animal species nor provide a corridor for wildlife movement. No impacts would occur.

***Question E:***

The project would not conflict with any local policies or ordinances that project biological resources. Therefore, no impact would occur.

***Question F:***

The project site is not located within an adopted conservation plan area. Therefore, no impact would occur.

**Mitigation**

No mitigation is required.

|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact             |
|---|--------------------------------------|--|-------------------------------------|--------------------------|
| <b>V. <u>CULTURAL RESOURCES</u> --</b>  |                                      |  |                                     |                          |
| Would the project:  |                                      |  |                                     |                          |
| a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?      | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Cause a substantial adverse change in the significance of an archaeological resource as defined in §15064.5? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?         | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Disturb any human remains, including those interred outside of formal cemeteries?                            | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |



### **Setting**

The project site is a vacant lot located within an existing residential subdivision and is surrounded by urban development. The site was previously occupied by a single-family residence; however, that residence was demolished and removed from the site. Based on historical research, prior to the development of the residence around 1978, the site was used for agricultural purposes (Preliminary Site Assessment, 2012). A cultural and archaeological records search was conducted by the Northern Central Information Center in January, 2012.

### **Answers to Checklist Questions**

#### ***Questions A and B:***

No cultural or archaeological resources have been recorded on or near the property and no known historical resources or archaeological resources as defined by §15064.5 exist on the project site. There is low sensitivity for identifying prehistoric archeological sites and low sensitivity for finding historic-period cultural resources in the project area. There is no evidence to suggest that archaeological resources have been encountered in the project vicinity. Impacts would be less than significant.

#### ***Questions C and D:***

There is no evidence to suggest that human remains or paleontological resources have been encountered in the project vicinity or on the project site; however, there remains the possibility, though unlikely, of encountering undiscovered human remains or paleontological resources during project construction activities since ground disturbing activities would occur. If such an event occurred, all construction would be required to stop and the County Coroner would be notified, in accordance with Section 7050.5 of California's Health and Safety Code. If the remains are determined to be Native American, the procedures outlined in CEQA Section 15064.5 (d) and (e) would be followed. Impacts related to undiscovered human remains and paleontological resources would be less than significant.

### **Mitigation**

No mitigation is required.

|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|---|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>VI. <u>GEOLOGY AND SOILS</u> –</b>   |                                      |  |                                     |                                     |
| Would the project:  |                                      |  |                                     |                                     |
| a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:  |                                      |  |                                     |                                     |
| i) Rupture of a known earthquake fault, as delineated 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? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| ii) Strong seismic ground shaking?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| iii) Seismic-related ground failure, including liquefaction?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| iv) Landslides?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Result in substantial soil erosion or the loss of topsoil?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) Be located on a geologic unit or soil that is unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?                    | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) Be located on expansive soil, as defined in Table 1-B of the Uniform Building Code, creating substantial risks to life or property?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 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?                                      | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate to high liquefaction?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to landslides?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |



|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|--|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>VI. <u>GEOLOGY AND SOILS</u> –</b>  |                                      |  |                                    |                                     |
| Would the project:   |                                      |  |                                    |                                     |
| h) Would the project involve the construction, reconstruction, or relocation of any school building on a geologic fault or trace fault along which surface rupture can reasonably be expected to occur within the life of the school building? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |

### **Setting**

The project site is located within the Great Valley Geomorphic Province. The Great Valley trends generally north-south and is bordered by the Coast Ranges to the west and by the Sierra Nevada to the east. This province is comprised of a thick accumulation of valley fill sediments derived from erosion of the Sierra Nevada and Coast Ranges. Underlying the valley fill sediments is a thick accumulation of marine sediments that were deposited during the Upper Cretaceous period (65 to 85 million years ago). In contrast to the Coast Ranges province, the Great Valley province is not extensively faulted. Most faults are found along the valley's eastern and western edges. The project site is situated at an elevation of approximately 60 feet above mean sea level (msl) and is generally flat with a slight southern slope towards Evelyn Drive (Phase I Environmental Site Assessment Report, 2012).

### **Answers to Checklist Questions**

#### ***Questions A) i, ii, and H:***

According to the most recent Alquist-Priolo Fault Map, there are no Alquist-Priolo designated fault zones within Yuba County or surrounding counties. The closest active faults are located approximately 10 miles to the northeast of the project site. Accordingly, the project site would not be located on an active fault. Based on the California Probabilistic Seismic Hazard Assessment model, ground shaking potential on the project site is low (10-20%). Due to the distance between the site and active faults and the known characteristics of those faults, the project site has a relatively low risk of damage as a result of ground shaking. Moreover, the proposed project would not include any buildings or habitable structures and as such would not expose people to injury or death as a result of fault rupture or ground shaking. No impact would occur.



*Questions A) iii, C, and F:*

Pleistocene age sediments, deposited by the ancestral Yuba River, underlie the project site. These sediments are part of the Victor formation which consists primarily of unconsolidated gravel, sand, silt, and clay. The depth to groundwater was estimated at approximately 50 feet below ground surface (Preliminary Site Assessment, 2012). Because the project site is characterized by both unconsolidated surficial deposits and shallow groundwater, a liquefaction risk may exist during seismic ground shaking and some seismic settlement could occur. However, as discussed above, ground shaking potential on the project site is low (groundshaking would induce liquefaction) and the extent of liquefaction and settlement is unlikely to be significant. Moreover, the proposed project would not include any buildings or habitable structures and as such would not expose people, structures or school buildings to liquefaction or seismic settlement risk. No impact would occur.

*Questions A) iv and G:*

The project is located in a valley area and the project site is relatively flat; therefore, landslides do not pose a significant risk. In addition, the project site was mapped as an area of “low” landslide risk (the lowest category) by the County of Yuba General Plan (1987). Moreover, the proposed project would not include any buildings or habitable structures and as such would not expose people, structures or school buildings to landslide and land subsidence risk. No impacts would occur.

*Question B:*

The proposed project would include minor earth disturbing activities such as trenching for utilities and minor fine grading which would expose soils and potentially result in increased erosion. However, the exposed soils would be temporary (maximum of two months) and construction would occur during summer, when storm events are less likely to occur. Additionally, the vast majority of the site would be landscaped, which would minimize erosion in the long-term and result in an overall improvement to the existing groundcover (dirt and gravel). Moreover, the project site is less than 0.2 acre in size and is relatively flat, and would therefore result in minimal runoff. Impacts to surface erosion and loss of top soil would be less than significant.

*Question D:*

The project site is underlain by San Joaquin soils, which are characterized as well drained alluvial soils with dense clay subsoil on low fan terraces (Yuba County General Plan, 1987). San Joaquin soils have high shrink-swell potential. In addition, the project site is mapped as an area of moderate to high shrink-swell potential by the General Plan (Yuba County General Plan, 1987). However, the proposed project would not involve the construction of any buildings or habitable structures and as such would not create substantial risk to people or property. No impact would occur.

**Questions E:**

The proposed project would not include the use of septic tanks or other alternative wastewater disposal. No impact would occur.

**Mitigation**

No mitigation is required.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|--|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>VII. <u>GREENHOUSE GAS EMISSIONS</u> -</b><br>Would the project:  |                                      |  |                                     |                                     |
| a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?        | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Setting**

Greenhouse gases (GHGs) are emitted by both natural processes and human activities. Of these gases, carbon dioxide (CO<sub>2</sub>) and methane (CH<sub>4</sub>) are emitted in the greatest quantities from human activities. Emissions of CO<sub>2</sub> are largely by-products of fossil fuel combustion, whereas CH<sub>4</sub> results from off-gassing associated with agricultural practices and landfills.

Scientific modeling predicts that continued GHG emissions at or above current rates would induce more extreme climate changes during the 21<sup>st</sup> century than were observed during the 20<sup>th</sup> century. According to the Air Resources Board (ARB), some of the potential impacts in California of global warming may include loss of snow pack, sea level rise, more extreme heat days per year, more high ozone days, more large forest fires, and more drought years (ARB, October 2007). While these potential impacts identify the possible effects of climate change at a global and potentially statewide level, in general, scientific modeling tools are currently unable to predict what impacts would occur locally.

As of 2012, neither the FRAQMD nor Yuba County have established GHG thresholds. FRAQMD recommends that GHG impacts are evaluated based on the methodologies developed by the California Air Pollution Control Officers Association [CAPCOA] (January 2008) *CEQA and Climate Change* white paper. This document is intended for long-term,



operational emissions of a given project. As stated in the *CEQA and Climate Change* white paper, “more study is needed...to develop separate thresholds for construction activity” (CAPCOA, 2008).

### **Answers to Checklist Questions**

#### ***Question A***

The proposed project would provide bicycle and pedestrian access, and additional emergency access to the existing Lindhurst High School. The project would not generate additional vehicle trips nor would the access way be open to through traffic and therefore would not result in additional long-term operational GHG emissions. Moreover, the project would provide bicycle and pedestrian access to the existing high school from an existing residential subdivision and thereby encourage bicycling and walking modes of transit, which would contribute to an overall reduction in vehicle trips and associated GHG emissions. No additional long-term GHG impacts would result.

Construction activities including the use of a backhoe, pavement roller and trencher would result in short-term GHG emissions. However, construction emissions are temporary in nature and generally not considered when evaluating long-term, cumulative GHG emissions impacts. For informational purposes, construction activities would generate approximately 14.5 metric tons of CO<sub>2</sub>. It should be noted that standard mitigation measures listed above in Mitigation Measure AQ-1 would contribute to an overall reduction in construction related GHG emissions. Project GHG emissions would be less than significant.

#### ***Question B***

No local or regional plans to reduce GHG emissions are currently in place. Therefore, the project would not conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases. No impacts would occur.

### **Mitigation**

No mitigation is required.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|--|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>VIII. <u>HAZARDS AND HAZARDOUS MATERIALS</u> - Would the project:</b>   |                                      |  |                                     |                                     |
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 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?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing or proposed school?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) Be located on a site which is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?                                    | <input type="checkbox"/>             | <input checked="" type="checkbox"/>                                | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 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, would the project result in a safety hazard for people residing or working in the project area? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 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   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |





|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|--|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>VIII. <u>HAZARDS AND HAZARDOUS MATERIALS</u> - Would the project:</b>   |                                      |  |                                     |                                     |
| wildlands?   |                                      |  |                                     |                                     |
| i) Is the project site the site of a current or former hazardous waste disposal site or solid waste disposal site and, if so, have the wastes been removed?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| j) Is the project site a hazardous substance release site identified by the State Department of Health Services in a current list adopted pursuant to § 25356 for removal or remedial action pursuant to Chapter 6.8 of Division 20 of the Health and Safety Code?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| k) Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the School?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| l) Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; b) freeways and other busy traffic corridors; c) large agricultural operations; and/or d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances or waste? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| m) Is the school site an area designated in a city, county, or city and county general plan for agricultural use and zoned for agricultural production, and if so, do neighboring agricultural uses have the potential to result in any public health and safety issues that may affect the pupils and employees at the school site?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| n) Is the proposed school site situated within   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |



|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|---|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>VIII. <u>HAZARDS AND HAZARDOUS MATERIALS</u> - Would the project:</b>  |                                      |  |                                     |                                     |
| 2,000 feet of a significant disposal of hazardous waste?  |                                      |  |                                     |                                     |
| o) Is the proposed school site a site that contains one or more pipelines, situated underground or aboveground, which carry hazardous substances, acutely hazardous materials, or hazardous wastes, unless the pipeline is a natural gas line that is used only to supply natural gas to that school or neighborhood? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| p) Is the proposed school site located near an above-ground water or fuel storage tank or within 1,500 feet of an easement of an above-ground or underground pipeline that can pose a safety hazard to the site?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| q) Is the proposed school site located on a site containing or underlain by naturally occurring hazardous materials?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| r) Is the proposed school site located on a site where the property line is less than the following distances from the edge of the respective power line easements: 1) 100 feet of a 50-133 kV line; 2) 150 feet of a 220-230 kV line; or 3) 350 feet of a 500-550 kV line?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| s) Is the proposed school site within two miles, measured by air line, of that point on an airport runway or potential runway included in an airport master plan that is nearest to the site?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| t) Is the project site subject to flooding or dam inundation?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

Answers to the following checklist questions are based on the Phase I Environmental Site Assessment prepared for the proposed project (Appendix A).



### **Answers to Checklist Questions**

#### ***Questions A, B, and C:***

The proposed project would not create a significant hazard to the public or environment involving operational use of hazardous materials. The proposed project involves the construction of a 20-foot wide bicycle, pedestrian and emergency access way and would not involve the use, storage, disposal, or transportation of significant quantities of hazardous materials. No proposed project activities would create a significant hazard to the public or the environment involving the release of hazardous materials into the environment, nor would the proposed project emit hazardous emissions. No impacts would occur.

#### ***Questions D, I and J:***

The proposed access way would not be built upon a former or current hazardous substance release site. However, lead, asbestos, and organochlorine pesticides (OCPs) has the potential to occur on-site soils. Demolition of the residential structure that occurred in 2008 could have resulted in the deposit of lead-based paints and asbestos. In addition, prior to construction of the residential structure, the site was used for agricultural purposes; therefore, on-site soils may contain residual quantities of pesticides. However, the project would import fill (soil) material, which would encapsulate any existing hazards. The fill material would be two-feet thick and cover the entire project site. In addition, the project would construct an impervious 20-foot wide concrete path, which would also encapsulate any existing hazardous materials. These two project features would ensure that people are not directly or indirectly exposed to hazardous materials (see Phase I Clarification Letter Date March 19, 2013 in Appendix A). Impacts would be less than significant.

#### ***Question E, F and S:***

The project site is located approximately 1.4 miles southeast of the Yuba County Airport; however, the proposed project is limited to providing an access way to the existing Lindhurst High School and does not include any habitable structures. Therefore, the proposed project would not increase risk or expose additional people to potential airport hazards. In addition, there are no private airstrips in the vicinity of the site. Impacts would be less than significant.

#### ***Question G:***

Construction of the proposed project would not impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan. The proposed project would provide additional emergency access to the existing Lindhurst High School and would enhance access for emergency responders. No impacts would occur.

#### ***Question H:***

The project site is largely surrounded by urban uses and would not be located adjacent to wildlands such that wildland fires would be a significant risk. Moreover, the proposed project would not include any buildings or habitable structures and as such would not expose people or structures to increased risk from wildland fire. No impact would occur.



***Question K and L:***

As part of the Phase I ESA, Environmental Data Resources, Inc. (EDR) was conducted to provide a database search of public lists of sites that generate, store, treat, or dispose of hazardous materials or sites for which a release or incident has occurred. The Phase I ESA did not identify any properties that might pose an environmental concern within a ¼-mile radius of the project site. In addition, there are no large agricultural operations adjacent to the project site and the project site is not located adjacent to a freeway or busy traffic corridor. The closest traffic corridors, Highway 65 and Highway 70, are located over 1,000 feet from the project site.

The nearest active railroad tracks are located approximately 1,300 feet to the northeast of the site. However, the proposed project is limited to the construction of an additional access way to the existing Lindhurst High School and does not include any habitable structures. In addition, the access way would provide a safer alternative to students traveling to Lindhurst High School. Therefore, the project would not increase risk or hazards associated with a railroad. No impacts would occur.

***Question M:***

The project site is currently zoned Single Family Residential (R-1), is located within an existing residential subdivision and does not contain timberland or agricultural land. No impacts would occur.

***Question N:***

The project site would not be located within 2,000 feet of a significant disposal site of hazardous waste. No impacts would occur.

***Question O:***

The project site does not contain pipelines that carry hazardous materials or waste. No impacts would occur.

***Question P:***

According to the Pipeline and Hazardous Materials Safety Administration (PHMSA), high-pressure natural gas and hazardous liquid pipelines are located approximately 1,320 feet northeast of the project site.

An approximately 750,000-gallon water storage above-ground storage tank (AST) was observed adjacent to Lindhurst High School and approximately 1,125 feet west of the project site. According to the Initial Study and Negative Declaration, prepared by the Olivehurst Public Utility District, the water storage AST does not have the potential to cause substantial adverse effects on people. Moreover, the proposed project would not include any buildings or habitable structures and as such would not expose people, structures or school buildings to increased safety risk. Impacts are less than significant.



**Question Q:**

The project site is over 20 miles from a known naturally occurring asbestos formation (Phase I ESA, 2012). No impacts would occur.

**Question R:**

The project site would not be located within 100 feet of a 50-133 kV line, 250 feet of a 220-330 kV line, or 350 feet of a 500-550 kV line. No impacts would occur.

**Question T:**

According to the National Flood Insurance Program, Flood Insurance Rate Map, the project site is located in an area characterized as “other – zone x” as an area determined to be outside the 0.2% annual chance floodplain (Preliminary Site Assessment, 2012). As such, flooding impacts would be less than significant.

The project site is located within the inundation zones of four dams, including Jackson Meadows Dam, Bowman Dam, Scotts Flat Dam, and New Bullards Bar Dam. In addition, other upgradient dams have the potential to affect the site indirectly, through levee failure. The State Division of Safety of Dams maintains jurisdictional authority over these dams. The Division provides twice a year inspection of the dams and continuous safety oversight. According to the Division, the dams under its jurisdiction are safe and have a very low probability of failure (Yuba County 1994). Moreover, the proposed project would not include any buildings or habitable structures and as such would not expose people, structures or school buildings to increased risk due to structural dam or levee failure. Impacts would be less than significant.

**Mitigation**

No mitigation is required.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|--|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>IX. <u>HYDROLOGY AND WATER QUALITY</u></b>  |                                      |  |                                    |                                     |
| – Would the project:   |                                      |  |                                    |                                     |
| a) Violate any water quality standards or waste discharge requirements?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |



|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|---|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>IX. <u>HYDROLOGY AND WATER QUALITY</u></b>   |                                      |  |                                    |                                     |
| – Would the project:  |                                      |  |                                    |                                     |
| a lowering or the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?                                    |                                      |  |                                    |                                     |
| 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 would result in substantial erosion or siltation on- or off-site?                                | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| d) Substantially alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| f) Otherwise substantially degrade water quality?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |



|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|---|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>IX. <u>HYDROLOGY AND WATER QUALITY</u></b> |                                      |  |                                    |                                     |
| – Would the project:                          |                                      |  |                                    |                                     |
| j) Inundation by seiche, tsunami, or mudflow? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |

**Answers to Checklist Questions**

***Question A through G:***

The proposed project would provide additional access to the existing Lindhurst High School. The project would include the construction of a 20-foot wide bicycle, pedestrian and emergency access way, and as such, new impervious surfaces would be minimal. The project would utilize existing stormwater infrastructure developed for the existing residential neighborhood. In addition, the remainder of the site would be landscaped with various treatments, which would help to minimize stormwater runoff. The project would not generate substantial stormwater runoff and therefore would not exceed discharge requirements, alter the existing drainage pattern of the site, exceed the capacity of existing stormwater infrastructure, or otherwise degrade water quality. The project would require minimal water for irrigation of proposed landscaping, which would be provided by the existing irrigation system at Lindhurst High School and would not require new or expanded groundwater entitlements. The project would not substantially deplete groundwater resources. No impacts would occur.

***Question H through J:***

The project would not place housing or habitable structures within 100-year flood plain or redirect flood waters. The project would not expose people or structures to risk of levee failure or tsunami. No impacts would result.

**Mitigation**

No mitigation is required.

|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|---|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>X. <u>LAND USE AND PLANNING</u> --</b>   |                                      |  |                                     |                                     |
| Would the proposal:   |                                      |  |                                     |                                     |
| a) Physically divide an established community?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Conflict with any applicable land use plan, policy, or regulation of an agency 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? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) Conflict with an applicable habitat conservation plan or natural community conservation plan?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

### **Answers to Checklist Questions**

#### ***Question A:***

The proposed project would provide enhanced community access from an existing residential subdivision to the existing Lindhurst High School, as well as provide additional emergency access to the school. No community would be divided because of the project. No impacts would result.

#### ***Question B and D:***

The project site is currently zoned Single-Family Residential (R-1). The proposed project would be considered an extension of a public school use. Per Yuba County Municipal Code Section 12.35.040(2), public schools are conditionally permitted within R-1 zoning. In addition, residential land uses would not pose a health or safety risk to students that may utilize the proposed access way. Moreover, the proposed project would provide safe pedestrian and bicycle access to Lindhurst High School. Impacts would be less than significant.





**Question C:**

The proposed project would not conflict with any Habitat Conservation Plan or Natural Community Conservation Plan because no such plan applies to the project site. No related impacts would occur.

**Mitigation**

No mitigation is required.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|--|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>XI. <u>MINERAL RESOURCES</u> --</b>   |                                      |  |                                    |                                     |
| Would the project:   |                                      |  |                                    |                                     |
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?                                 | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |

**Answers to Checklist Questions**

**Questions A and B:**

The project site is located within an existing residential subdivision designated for single-family residences. In addition, the project site previously contained a single-family residence. As such, no known mineral or natural resources exist on the project site. No impact would occur.

**Mitigation**

No mitigation is required.

|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|---|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>XII. <u>NOISE</u> – Would the project result in:</b>   |                                      |  |                                     |                                     |
| 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?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) A substantial permanent increase in ambient noise levels above levels existing without the project?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 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, would the project expose people residing or working in the project area to excessive noise levels? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) 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?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

### **Answers to Checklist Questions**

#### ***Question A and C:***

Intermittent noise from pedestrians and bicyclists may be audible from nearby residential uses. In addition, noise from emergency vehicles may be audible if such vehicles utilize the access way during an emergency. However, this noise would be intermittent in nature and would not



be expected to exceed adopted noise standards. In addition, noise from pedestrians and bicyclists would generally occur before and after school hours (8AM to 5PM) and would therefore not generate nighttime nuisance noise. No impacts would occur.

***Question B and D:***

During construction, motorized equipment may be used that would generate noise, groundborne vibration or groundborne noise levels that may affect adjacent residents. However, construction noise would be temporary and construction would be limited to the daytime hours between 7AM and 6PM, Monday through Friday with no construction on State recognized holidays. In addition, noise blankets/insulation would be placed on construction equipment, such as compressors and generators, as necessary to minimize noise impacts. Impacts would be less than significant.

***Questions E, F and G:***

The proposed project would not expose people to airport noise. The project would not include any habitable structures, as it only would provide access to an existing school; therefore, the project would not expose an education program to excessive roadway noise. No impacts would result.

**Mitigation**

No mitigation measures are required.

|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|---|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>XIII. <u>POPULATION AND HOUSING</u> —</b>  |                                      |  |                                    |                                     |
| Would the project:  |                                      |  |                                    |                                     |
| 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)? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |



**Answers to Checklist Questions**

***Question A, B and C:***

The proposed project would not generate any population or induce population growth. The project site is currently vacant; therefore, the project would not displace housing or substantial numbers of people. No impacts would result.

**Mitigation**

No mitigation is required.

| Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact |
|--------------------------------------|--|------------------------------------|--------------|
|--------------------------------------|--|------------------------------------|--------------|

**XIV. PUBLIC SERVICES**

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or 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:

|                             |                          |                          |                          |                                     |
|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| i) Fire protection?         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| ii) Police protection?      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| iii) Schools?               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| iv) Parks?                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| v) Other public facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Answers to Checklist Questions**

***Question A) i-v:***

The proposed project would not generate population or develop structures that would demand additional police or fire protection, schools, parks or other public facilities. The proposed



project would provide a benefit to the existing Lindhurst High School users by providing additional bicycle and pedestrian access. In addition, emergency responders would also have enhanced emergency access to the school. No impacts would result.

**Mitigation**

No mitigation is required.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|--|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>XV. <u>RECREATION</u> --</b>  |                                      |  |                                    |                                     |
| 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 would occur or be accelerated? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?                        | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |

**Answers to Checklist Questions**

The project would not increase the use of existing parks or other recreational facilities or require the construction of new facilities. The project would provide enhanced recreational opportunities by providing additional bicycle and pedestrian access to the existing Lindhurst High School. No impacts would result.

**Mitigation**

No mitigation is required.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|--|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>XVI. <u>TRANSPORTATION / TRAFFIC</u> --</b>   |                                      |  |                                    |                                     |
| Would the project:   |                                      |  |                                    |                                     |
| a) Conflict with an applicable plan, ordinance or policy establishing a measure 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? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible use (e.g., farm equipment)?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| e) Result in inadequate emergency access?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| f) Conflict with adopted policies, plans, or programs regarding public transit, bikeways, or pedestrian facilities, or otherwise substantially decrease the performance or safety of such facilities?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| g) Is the proposed school site located adjacent to or near a major arterial roadway or freeway that may pose a safety hazard?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| h) Are traffic and pedestrian hazards mitigated per Caltrans', "School Area  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |



|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|---|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>XVI. <u>TRANSPORTATION / TRAFFIC</u> --</b>  |                                      |  |                                    |                                     |
| Would the project:  |                                      |  |                                    |                                     |
| Pedestrian Safety” manual?  |                                      |  |                                    |                                     |
| i) Is minimum peripheral visibility maintained for driveways per Caltrans’ Highway Design Manual? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| j) Is the proposed school site within 1,500 feet of a railroad track easement?                    | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |

**Answers to Checklist Questions**

***Questions A and B:***

The project would not generate any additional vehicular traffic and therefore would not conflict with any applicable plan or ordinance. No impacts would result.

***Questions C and D:***

No changes to air traffic patterns would result from the proposed project. In addition, no design features of the project would result in a hazard. No impacts would result.

***Questions E and F:***

The proposed project would be beneficial because it would provide enhanced emergency access to the Lindhurst High School. In addition, the project would provide increased opportunities for alternative modes of transit, including bicycling and walking. No impacts would result.

***Questions G through J:***

The proposed project does not include the development of a school; therefore, it would not locate a school adjacent to major arterial roadways or highways or locate a school within 1,500 feet of a railroad. In addition, Caltrans guidelines are not applicable as the project does not propose new or altered roadways. The project would however, provide additional emergency access to Lindhurst High School and additional pedestrian and bicycle access to the school, which would enhance safety and encourage alternative modes of transportation. No impacts would result.

**Mitigation**

No mitigation is required.



|   | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact | No<br>Impact                        |
|---|--------------------------------------|--|------------------------------------|-------------------------------------|
| <b>XVII. UTILITIES AND SERVICE SYSTEMS --</b>   |                                      |  |                                    |                                     |
| Would the project:  |                                      |  |                                    |                                     |
| a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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?                            | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?                                     | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |
| g) Comply with federal, state, and local statutes and regulations related to solid waste?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>           | <input checked="" type="checkbox"/> |

### Answers to Checklist Questions

#### *Question A through G:*

The proposed project would not generate wastewater or solid waste and therefore would not exceed wastewater discharge requirements, require wastewater service or facilities, require





landfill space or violate regulation pertaining to solid waste. The project would require minor irrigation for landscaping purposes; however, this would be provided by the existing irrigation system at Lindhurst High School and would not require new or expanded water infrastructure or treatment facilities or demand water such that new or expanded entitlements are required.

The project would include the construction of a 20-foot wide bicycle, pedestrian and emergency access pathway, and as such, new impervious surfaces would be minimal. In addition, any runoff from the project site would utilize existing stormwater infrastructure developed for the existing residential neighborhood in which the project is located. The project would also include landscaping that would minimize stormwater runoff. As such, the project would not generate substantial stormwater runoff and would not generate the need for new or expanded stormwater infrastructure. No impacts would result.

### **Mitigation**

No mitigation is required.

|  | Potentially<br>Significant<br>Impact | Potentially<br>Significant<br>Unless<br>Mitigation<br>Incorporated | Less than<br>Significant<br>Impact  | No<br>Impact                        |
|--|--------------------------------------|--|-------------------------------------|-------------------------------------|
| <b>XVIII. <u>MANDATORY FINDINGS OF SIGNIFICANCE</u> —</b>  |                                      |  |                                     |                                     |
| a) Does the project have the potential to substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, 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? | <input type="checkbox"/>             | <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) 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)?   | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) Does the project have environmental effects which will cause substantial  | <input type="checkbox"/>             | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |



adverse effects on human beings, either directly or indirectly?

### **Mandatory Findings of Significance Discussion**

#### ***Question A:***

Based upon the analysis throughout this IS-MND, the proposed project would not 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. The biological and cultural elements analyzed above indicate that this site does not consist of suitable habitat for any species of special concern, nor is there any significant evidence of historical importance or prior Native American occupancy.

#### ***Question B:***

Due to the nature of the project and limited physical impacts, no cumulative significant impacts are anticipated. Potentially significant impacts related to air quality and hazards and hazardous materials would be mitigated to less than significant levels.

#### ***Question C:***

Due to the nature of the proposed project, it is not likely that adverse effects to the environment or to human populations would result. Mitigation measures are proposed to reduce impacts related to air quality and hazards and hazardous materials. Impacts would be less than significant.

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# Appendix A

## *Phase I Environmental Site Assessment*



**Marysville Joint Unified School District**

**PHASE I ENVIRONMENTAL SITE  
ASSESSMENT REPORT**

4347 Evelyn Drive  
Olivehurst, California

**April 26, 2012**



A handwritten signature in black ink that reads "Emily M. Hathaway".

---

Emily Hathaway  
Staff Geologist

A handwritten signature in black ink that reads "Lita D. Freeman".

---

Lita D. Freeman, P.G., R.E.A. II  
Principal Geologist  
California Professional Geologist No. 7368

## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

4347 Evelyn Drive  
Olivehurst, California

Prepared for:  
Marysville Joint Unified School District  
1919 B Street  
Marysville, California 95901

Prepared by:  
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Our Ref.:  
RV009363.0013

Date:  
April 26, 2012

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**PHASE I  
ENVIRONMENTAL SITE  
ASSESSMENT**

4347 Evelyn Drive  
Olivehurst, California

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**PHASE I  
ENVIRONMENTAL SITE  
ASSESSMENT**

4347 Evelyn Drive  
Olivehurst, California

## **Executive Summary**

ARCADIS U.S., Inc. (ARCADIS) performed a Phase I Environmental Site Assessment (ESA) of the property located at 4347 Evelyn Drive in Olivehurst, Yuba County, California (the "Site"). At the time of our site reconnaissance, the 0.17 acre property was undeveloped. It is ARCADIS' understanding that the Site is proposed to be developed as a paved walkway and school access route to the adjacent Lindhurst High School (LHS).

This Phase I ESA was conducted on behalf of Marysville Joint Unified School District (MJUSD) to identify, to the extent feasible pursuant to the processes prescribed in the American Society for Testing and Materials International (ASTM) document E 1527-05, recognized environmental conditions (RECs) in connection with the Site.

A summary of key findings from this Phase I ESA is provided below:

- Based on historical research, the Site was used for agricultural purposes (likely field crops) in at least the 1940s and was undeveloped until at least 1978 when it was developed with one single-family residence structure. The on-site structure was demolished in 2008 following an internal fire. No lead and/or asbestos abatement documentation was available for the structure.
- In 2009, Roebbelen Contracting, Inc., (Roebbelen) reportedly used the Site as a short-term staging area during construction of the LHS science building. The Site is currently undeveloped.
- ARCADIS contracted with Environmental Data Resources, Inc. (EDR) to conduct a search of state and federal regulatory databases to identify recorded concerns for the Site and surrounding properties. The database report identified several off-site properties with reported releases within the search distances; however, based on their regulatory status (closed), distances from the Site, and/or location in terms of assumed groundwater flow direction, these facilities do not represent a REC to the Site.
- EDR identified several regulated facilities that could not be located because of insufficient address information. These facilities are referred to by EDR as "orphan" facilities. Based on our knowledge of the site vicinity and our observations during the site reconnaissance, the other properties do not appear to be located in close



**PHASE I  
ENVIRONMENTAL SITE  
ASSESSMENT**

4347 Evelyn Drive  
Olivehurst, California

proximity to the Site, and are therefore unlikely to represent an environmental concern to the Site.

**Conclusion**

ARCADIS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the Site identified as 4347 Evelyn Drive in Olivehurst, California. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report.

The following lack of information represents data gaps: (1) ARCADIS did not interview past site owners/operators/occupants; (2) a 50-year chain-of-title report was not provided to ARCADIS; (3) intervals between aerial photographs/topographic maps were more than 5 years; and (4) analytical data to establish soil quality and possible impacts from lead-based paint (LBP), asbestos, and organochlorine pesticides (OCPs). These data gaps do not appear to be significant and do not impede ARCADIS' ability to identify RECs.

Based on the assumed date of construction associated with the former on-site structure (1978), materials painted with lead-based paint (LBP) and/or asbestos containing materials (ACMs) may have been used in construction of the residence and released into site soil during demolition. In addition, OCPs may be present in site soil from termiticide application around the former structure.

The Site appeared to have been used for agricultural purposes (likely field crops) in the past. Pesticides are typically not applied to these types of crops; however, OCPs analysis of soil samples collected from around the former structure should be sufficient to evaluate impacts to the Site's soil from application of environmentally persistent pesticides.

ARCADIS recommends that a soil sampling and analysis program for lead, asbestos, and OCPs be performed for the Site.

## **1. Introduction**

ARCADIS U.S, Inc. (ARCADIS) performed a Phase I Environmental Site Assessment (ESA) of the property located at 4347 Evelyn Drive, in Olivehurst, Yuba County, California (the "Site") and prepared this report on behalf of the Marysville Joint Unified School District (MJUSD). At the time of our site reconnaissance, the 0.17 acre property was undeveloped. It is ARCADIS' understanding the Site is proposed to be developed as a paved walkway and school access route to the adjacent Lindhurst High School (LHS).

### **1.1 Objective**

The MJUSD (the Client) requested that ARCADIS conduct a Phase I ESA to provide appropriate inquiry into the Site prior to development of the Site by the MJUSD.

The objective of the Phase I ESA was to identify recognized environmental conditions (RECs) to the extent feasible pursuant to the processes prescribed in American Society for Testing and Materials International (ASTM) E 1527-05 guidelines. The term "REC" as defined by the ASTM is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or the 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 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.

This Phase I ESA includes information gathered from federal, state, and local agencies; personal interviews with people familiar with the Site and surrounding properties; and a site visit conducted by an ARCADIS representative.

### **1.2 Detailed Scope of Services**

The Phase I ESA conducted by ARCADIS included, but was not limited to, the following services:

- a reconnaissance-level visit of the Site to look for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for on-site releases of hazardous materials and petroleum products;
- drive-by observations of adjacent properties and the site vicinity;
- interviews with people familiar with the Site, as available;
- review of regulatory and local agency files, as necessary;
- review of historical documents, as available; and,
- preparation of a report presenting our findings, including a summary of conclusions and recommendations.

### **1.3 Significant Assumptions**

ARCADIS also assumes that the information provided by MJUSD, the regulatory database provider, and regulatory agencies is true and reliable.

### **1.4 Limitations and Exceptions**

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ARCADIS and the original party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. To the extent that ARCADIS relied upon any information prepared by other parties not under contract to ARCADIS, ARCADIS makes no representation as to the accuracy or completeness of such information.

Only the party for whom this report was originally prepared and its attorneys, lenders and insurers may make use of and rely upon the information in this report, in its entirety, for a period not to exceed 180 days in accordance with the ASTM's "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-00, dated May 10, 2000; ASTM's "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-05, dated November 1, 2005; and/or the Code of

Federal Regulations (CFR) 40 CFR Part 312, "Standards and Practices for All Appropriate Inquiries: Final Rule," dated November 1, 2005.

After 180 days and prior to using the information contained herein, the report should be updated in accordance with ASTM Standards and federal regulations.

The findings presented in this report apply solely to site conditions existing at the time when ARCADIS' assessment was performed. It must be recognized, however, that a Phase I ESA is intended for the purpose of evaluating the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. ARCADIS' ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in Phase I ESA conclusions cannot reasonably be achieved.

ARCADIS, therefore, does not provide any guarantees, certifications, or warranties (express or implied) that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and all applicable laws, codes, regulations, or standards.

### **1.5 Special Terms and Conditions**

The scope of services for this Phase I ESA did not include testing of electrical equipment for the potential presence of polychlorinated biphenyls (PCBs) or the assessment of natural hazards such as methane gas, assessment of the potential presence of radionuclides, assessment for the presence of microbial contamination, or assessment of nonchemical hazards such as the potential for damage from earthquakes or floods.

### **1.6 User Reliance**

This report is for the exclusive use of MJUSD, its lenders, insurers, counsel, and accountants. Use of this report by any other party shall be at such party's sole risk.

## **2. Site Description**

### **2.1 Location and Legal Description**

The Site is located on Evelyn Drive in a residential area which borders LHS in Olivehurst, California (Figure 1). The parcel comprises 0.17 acres of land. The Yuba County Assessor's Office designates the Site as Assessor's Parcel Number 014-550-013-000. Ownership of the Site is currently vested in Roebbelen Contracting, Inc., (Roebbelen). A site plan is provided as Figure 1.

### **2.2 Site and Vicinity General Characteristics**

At the time of the site visit the Site was undeveloped land. The Site is bordered by LHS to the north and the site vicinity is comprised of residential developments.

### **2.3 Current Use of the Site**

At the time of ARCADIS' site visit, the Site was undeveloped and the Site was observed being used by students as an access point for the LHS.

### **2.4 Current Use of Adjoining Properties**

Use of the Site's adjacent properties at the time of ARCADIS' site visit is summarized as follows:

- **North:** LHS campus
- **East:** residential development
- **South:** residential development
- **West:** residences with LHS campus further to the west

## **3. User-Provided Information**

A questionnaire requesting information on the Site was provided to the Client's representative. The questionnaire was completed by Ms. Michal Healy, Director of Planning for the MJUSD. A copy of the completed questionnaire is presented in Appendix A.

### **3.1 Title Records**

A preliminary title report was reviewed as part of ARCADIS' assessment and is included as Appendix B. The preliminary title report, Order No. 407-8427, was prepared by the Placer Title Company and is reported as having an effective date of April 21, 2011.

According to the preliminary title report, the Site is vested to Roebbelen as APN 014-550-013-000.

ARCADIS' review of the preliminary title report showed that there are several easements associated with the Site for public utility and public roadway purposes. These easements do not appear to present an environmental concern for the Site.

### **3.2 Environmental Liens or Activity and Use Limitations**

The Client's representative was asked the following questions as part of the assessment:

- Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? **Response: No.**
- Are you aware of any activity or land use limitations, such as engineering controls, land use restrictions, or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? **Response: No.**

### **3.3 Specialized Knowledge**

The Client's representative was asked the following questions as part of the assessment:

- Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? **Response: Yes, Lindhurst High School is adjacent to this property.**



- Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:
  - a) Do you know the past uses of the property? **Response: Yes, residential house.**
  - b) Do you know of specific chemicals that are present or once were present at the property? **Response: No.**
  - c) Do you know of spills or other chemical releases that have taken place at the property? **Response: No.**
  - d) Do you know of any environmental cleanups that have taken place at the property? **Response: No.**
  - e) Do you know if any fill material has been imported to the Site? **Response: Unknown, contractor used it for a staging area for construction of a new building at the LHS in 2009.**
- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? **Response: No.**
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? **Response: No.**
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? **Response: No.**

### **3.4 Commonly Known or Reasonably Ascertainable Information**

The Client's representative was asked the following question as part of the assessment:

- Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? **Response: Fire (Inside House).**

### **3.5 Valuation Reduction for Environmental Issues**

The Client's representative was asked the following question as part of the assessment:

- Does the Site's purchase price reasonably reflect the fair market value of the property? **Response: Yes.**

ARCADIS was not asked to conduct an analysis of a hypothetical prospective purchase price.

### **3.6 Owner, Property Manager, and Occupant Information**

According to the MJUSD, the Site was purchased from Roebbelen and is currently owned by MJUSD. The Site is currently undeveloped.

## **4. Records Review**

The following sections provide information regarding the regulatory status and history of the Site and vicinity developed from information available from local, state, and federal agencies and ASTM Standard Historical Sources. It also provides topographic, hydrologic, and soil conditions in the area of the Site. Copies of the historical research documentation are included in Appendix C.

### **4.1 Historical Use Information on the Property**

Based on the review of available historical information, the Site appeared to be agricultural land in 1947 and was undeveloped land until at least 1974. A single-family residence was seen on the Site in the 1984 aerial photograph and appears to be present up until at least the 2006 photograph.

#### **4.1.1 Aerial Photographs**

Historical aerial photographs were provided by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut, for the years 1947, 1962, 1974, 1984, 1987, 1998, 2005, and 2006. The photographs were reviewed to identify former land use on and in the vicinity of the Site. The photographs consisted of low-altitude, black-and-white photographs, and color photographs. Brief descriptions of the Site and vicinity, as observed in the aerial photographs, are presented below.

#### 1947

In the 1947 photograph the Site appears to be used for agricultural purposes (field crops). There are several roads present in the site vicinity; however, the site vicinity appears to have been used for agriculture.

#### 1962

In the 1962 photograph the Site and immediate vicinity remains undeveloped and covered with vegetation. In addition, a residential subdivision is present south of the Site and a cemetery park is visible to the north of the Site.

#### 1974

In the 1974 photograph the Site appears as undeveloped land. The surrounding site vicinity appears similar to the 1962 photograph.

#### 1984

In the 1984 photograph the Site appears to be developed with one single-family residence which is observed to be part of a residential subdivision. Several other newly constructed residences are directly adjacent to the Site. The LHS is visible to the north of the Site with vacant/undeveloped land to the east. The surrounding site vicinity appears primarily residential.

#### 1987

In the 1987 photograph the one on-site structure and the surrounding site vicinity appear unchanged from the 1984 photograph.

#### 1998

In the 1998 photograph the one on-site structure remains unchanged. A large structure is present to the east of the Site and appears to be associated with the LHS school campus. The surrounding site vicinity appears similar to the 1984 and 1987 photographs.

#### 2005

In the 2005 photograph the one on-site structure and the surrounding site vicinity appear unchanged from the 1998 photograph.

#### 2006

In the 2006 photograph the one on-site structure and the surrounding site vicinity appear unchanged from 2005 photograph.

Copies of these aerial photographs are included in Appendix C.

#### 4.1.2 Fire Insurance Maps

ARCADIS contracted with EDR to provide Sanborn Fire Insurance Maps; however, Sanborn Fire Insurance Maps are not available for the site vicinity. Lack of Sanborn Fire Insurance Maps indicates that the area was not considered a “high” fire risk for insurance purposes. A copy of the letter stating “No Coverage” can be found in Appendix C.

#### 4.1.3 Historical Topographic Maps

EDR provided historical topographic maps for the years 1895, 1952, and 1973. Each topographic map depicts the Site as undeveloped land. The site vicinity in the 1952 map shows “Sierra View Memorial Park” a cemetery to the north of the Site as well as a railroad track to the northeast. The 1973 map shows residential developments in the site vicinity, as well as a trailer park to the southeast. Copies of these historical topographic maps are included in Appendix C.

#### 4.1.4 City Directories

A historical city directory abstract spanning the years from 1964 to 2001 was reviewed for this Phase I ESA. ARCADIS reviewed addresses likely to have been historically associated with the Site as well as adjacent properties. According to the information provided by EDR, the site address was listed in the 1984, 1990, and 2001 Polk’s City Directories. In each year, the Site was listed for residential use.

Adjacent and nearby properties along Evelyn Drive were listed for residential use from 1984 to 2001. A copy of the EDR City Directory Abstract is included in Appendix C.

#### 4.1.5 Prior Site Investigations

According to information obtained by ARCADIS during this assessment, no previous environmental investigations have been conducted for the Site.

#### **4.2 Historical Use Information on Adjoining Properties**

To evaluate historical use of the adjoining properties, ARCADIS reviewed readily available topographic maps, Sanborn Fire Insurance Maps, aerial photographs, and street directories. A review of these sources identified the Site's vicinity to be improved with residences and a school campus.

#### **4.3 Physical Setting Sources**

##### 4.3.1 Surface Features

According to the U.S. Geological Survey (USGS) 7.5 minute topographic map for the Olivehurst Quadrangle, the Site is situated at an elevation of approximately 60 feet above mean sea level (msl). The Site was observed to be generally flat with a slight southern slope towards Evelyn Drive.

##### 4.3.2 Geology

The Site is located within the Great Valley Geomorphic Province (California Geological Survey 2002). The Great Valley trends generally north-south and is bordered by the Coast Ranges to the west and by the Sierra Nevada to the east. The Great Valley is an asymmetrical synclinal trough about 50 miles wide and 400 miles long with its axis off-center to the west in which sediments have been deposited almost continuously since the Jurassic Period (about 160 million years ago).

Lithology beneath the Great Valley is composed of alluvial sediments known as the Great Valley Sequence, comprising interbedded sedimentary units. The thickness of the Great Valley Sequence exceeds 25,000 feet in some areas. These sediments are primarily eroded rock from the Sierra Nevada and were deposited in the trough from the Cretaceous to the Quaternary Periods. Because the syncline was previously under water, some of the sediments are of marine origin.

Pleistocene age sediments, deposited by the ancestral Yuba River are presumed to underlie the Site. These sediments are part of the Victor formation which consists primarily of unconsolidated gravel, sand, silt, and clay.

It should be noted that ARCADIS has not conducted subsurface investigations at the Site, and that the local and regional geologic conditions described herein are based solely upon available literature regarding the area.

#### 4.3.3 Hydrology

**Surface Water.** There are no surface water bodies on the Site. Stormwater run-off from the Site is directed to storm drains in the adjacent street. The nearest major surface water to the Site appears to be Reeds Creek located approximately one mile south.

**Groundwater.** The Site lies in the South Yuba Sub-basin of the Sacramento Valley Groundwater Basin of California (California Department of Water Resources 2006). Groundwater-bearing formations in the vicinity of the Site consist of Quaternary to late Miocene age alluvium.

According to EDR, a total of 21 well locations are reportedly present within a 1-mile radius of the site. The nearest well is located approximately 990 feet northeast of the Site and is associated with the Olivehurst Public Utility District. This well is reported by EDR as being last sampled on February 13, 2008, however, no well construction details or gauging information was reported by EDR.

Based upon ARCADIS' review of data from a historic monitoring well installed on the Sierra View Memorial property located in the site vicinity, the depth to groundwater was identified as approximately 50 feet bgs. Groundwater flow direction at the Site was assumed to be towards the east-southeast based on topography.

#### 4.4 Standard Environmental Record Sources – Federal and State

Regulatory agency database information was obtained from EDR, which maps and lists properties in federal and state environmental databases with existing conditions or status that may have the potential to adversely affect the Site. Included in EDR's report are regulatory database lists, which were reviewed by EDR for cases pertaining to leaking Underground Storage Tanks (USTs) and Aboveground Storage Tanks (ASTs), hazardous waste sites, and abandoned sites within ASTM-specified radii (Table A). EDR also reviewed selected database lists generated by the United States Environmental Protection Agency (U.S. EPA). Explanations of the regulatory agency database lists reviewed and acronyms used by EDR are presented in the EDR Radius Map™ report in Appendix D.

**Table A: Regulatory Agency Databases/Lists Reviewed**

| Search Radius                  | Agency               | Database        | Type of Records in Database   |
|--------------------------------|----------------------|-----------------|---|
| 1 mile                         | U.S. EPA             | NPL             | Sites designated for Superfund cleanup by the U.S. EPA                            |
|                                | U.S. EPA             | CORRACTS        | Resource Conservation and Recovery Act facilities undergoing "corrective actions" |
|                                | DTSC                 | AWP (SPL)       | Sites prioritized by the state for cleanup  |
|                                | IWMB                 | SWIS            | Sites included in the Solid Waste Information System database                     |
| 0.5 mile                       | U.S. EPA             | CERCLIS         | Sites under review by the U.S. EPA  |
|                                | U.S. EPA             | TSD             | Facilities that treat, store, and/or dispose of hazardous waste                   |
|                                | DTSC and RWQCB       | SLIC/Toxics     | Sites with solvents/toxics contamination  |
|                                | RWQCB                | LUST            | Sites with leaking USTs (LUSTs)   |
|                                | IWMB                 | SWLF/SWAT       | Sites permitted as solid waste landfills, incinerators, or transfer stations      |
|                                | OEP, OHM             | CORTESE         | Sites on state index of properties with spills                                    |
| Site/Adjoining Properties Only | U.S. EPA             | RCRA Generator  | Sites that generate large or small quantities of hazardous waste                  |
|                                | DTSC                 | Cal-Sites (SCL) | Sites under review by the state   |
|                                | OES, Fire Department | ERNS            | Sites with reported accidental releases of oil and hazardous substances           |
|                                | SWRCB                | UST/AST         | Sites with registered USTs or ASTs  |
|                                | U.S. EPA             | CERCLIS – NFRAP | CERCLIS sites with no further remedial actions planned at time of report          |
|                                | U.S. EPA             | FINDS           | Sites included on the facility inventory database                                 |

**Notes:**

DTSC=Department of Toxic Substances Control

RCRA=Resource Conservation and Recovery Act

FINDS=Facility Inventory Database System

RWQCB=Regional Water Quality Control Board

IWMB=Integrated Waste Management Board

LUST=Leaking Underground Storage Tank

OEP, OHM = Office of Emergency Planning, Oil and Hazardous Material

CERCLIS = Comprehensive Environmental Response, Compensation and Liability Information System

NPL=National Priority List

OES = Office of Emergency Services

SWRCB=State Water Resources Control Board

SWIS=Solid Waste Information System

SWLF=Solid Waste Landfills

#### **4.5 Site**

The Site was not listed on the databases searched by EDR.

#### **4.6 Off-Site Properties**

Off-site properties were not identified on the NPL, CORRACTS, AWP, SWIS, TSD, SLIC, SWLF/SWAT, CORTESE, RCRA Generator, Cal-Sites (SCL), UST/AST, CERCLIS-NFRAP, and/or FINDS databases within ASTM-specified radii. The following is a review of the database search regarding the surrounding area.

##### **4.6.1 CERCLIS Databases**

Off-site properties were not identified on the Federal CERCLIS list and four properties were listed on the ENVIROSTOR database within a one mile radius of the Site. Based upon their distance from the Site, regulatory status (case closed by the oversight agency) and/or assumed direction of groundwater flow (east-southeast based on topography), the off-site properties identified during this database search are unlikely to represent an environmental concern to the Site.

##### **4.6.2 LUST Databases**

Off-site properties were not identified on the SLIC or Indian LUST lists and one property (Sierra View Memorial) was listed as a closed facility on the LUST environmental cleanup list. The southern boundary of the Sierra View Memorial facility is located approximately 800 feet north of the Site, cross-gradient to up-gradient in terms of assumed groundwater flow direction (east-southeast based on topography). This facility was also listed on the Certified Unified Program Agency (CUPA) listings, HIST CORTESE, and HIST UST databases.

According to documents available for review at the Yuba County Environmental Health Department (YCEHD), a 2,000-gallon diesel UST and two gasoline USTs (300-gallon and 550-gallon) were removed from the maintenance area of the Sierra View Memorial facility in 1990. During removal activities it was confirmed that petroleum hydrocarbons had been released to the subsurface. Subsequent investigations revealed that the presence of petroleum hydrocarbons were limited to the soil only and had not impacted groundwater. Soil excavation and soil aeration was conducted during 1992 and 1993. The facility was closed by the YCEHD in a letter dated June 16, 1993. Currently, according to available files at the YCEHD, Sierra View Memorial is subject to



Hazardous Material Business Plan and Inventory Program and Hazardous Waste Generator Program requirements.

The historic release at the Sierra View Memorial facility does not represent a REC for the Site based on the distance between the Site and the off-site facility (approximately 800 feet) and the current regulatory status (case closed by the oversight agency). Notes regarding the YCEHD records reviewed for this facility are included in Appendix E.

#### **4.7 Unmapped Sites**

The “Orphan Summary” section of the EDR Radius Map™ report includes properties that could not be properly located due to inadequate or incorrect information provided by the reporting agency. EDR identified a number of facilities on the Orphan Summary. None of the listed facilities appear to be located within 0.25 miles of the Site; however, insufficient information was available to locate each of these facilities.

#### **4.8 Additional Environmental Records Sources**

##### **4.8.1 Yuba County Building Department**

According to the building department representative, Dan Redding, four building permits have been associated with the Site and are available online. The permits included the following:

- a general permit from 1978 listing Reynen and Bardis as the site owners
- a reroofing permit from 2003 listing John and Laura Barbour as site owners
- a demolition permit from 2008 listing John and Laura Barbour as site owners
- a commercial coach or temporary office permit from 2009 listing Roebbelen as the property owner and granted permission for a temporary construction trailer to be placed on the Site for used during the construction of the LHS science building.

##### **4.8.2 Olivehurst Fire Protection District**

According to Mr. Wade Harrison, Fire Chief for the Olivehurst Fire Protection District (OFPD), the OFPD responded to a fire at the former residence located at 4347 Evelyn

Drive on March 19, 2008. The fire was reportedly confined to the interior. Mr. Harrison reported that the structure remained intact following the fire and was demolished at a later date. No lead and/or asbestos abatement documentation was available for the structure.

The OFPD does not maintain files for the Sierra View Memorial facility because it is under the jurisdiction of the Wheatland Fire Authority (WFA). According Mr. Art Paquette of the WFA, no chemical releases, spills, or responses have been reported with the exception of responding to a medical aid request and a small contained fire associated with the crematory.

#### 4.8.3 Yuba County Agricultural Commissioner Weights and Measures (YCAC)

According to the Mr. Kevin Roush, Assistant Agricultural Commissioner for the YCAC, pesticide use records are only maintained for three years and maintained files do not include residential properties. No pesticide use records are available for the residential site.

#### 4.8.4 Yuba County Environmental Health Department

ARCADIS requested records for the site address from the YCEHD. According to the county representative, no files were available for the Site.

Historical UST release information was available for the Sierra View Memorial facility from the YCEHD. This information is summarized in Section 4.6.2. The historic release at this facility does not represent a REC for the Site based on the distance between the Site and the off-site facility and the current regulatory status (case closed by the oversight agency).

## **5. Site Reconnaissance**

### **5.1 Methodology and Conditions**

On December 9, 2011, Ms. Emily Hathaway, representative of ARCADIS, performed a reconnaissance-level assessment of the Site to observe general site conditions and identify visible evidence of RECs. The weather at the time of the visit was sunny with a temperature of approximately 40 degrees Fahrenheit.

The methodology for the site visit included walking and observing current site conditions. Observations were documented and pertinent site features were photographed. A photographic log of the photographs taken during the reconnaissance is included in the Appendix F.

## **5.2 General Site Setting**

At the time of the reconnaissance, the Site was undeveloped and appeared to be at the same elevation as surrounding properties. The north boundary of the Site was assumed to be formed by a chain link fence with a foot gate. Students were observed crossing the Site to access LHS located adjacent to the Site to the north through the foot gate.

The Site was bounded to the east and west by unpainted wooden fences associated with the adjacent residences addressed 4345 and 4349 Evelyn Drive, respectively. A residence addressed 4342 Evelyn Drive was present to the south beyond the sidewalk and Evelyn Drive.

The Site was primarily covered with grass; however, soil was exposed in several areas and gravel was noted throughout the Site. Areas of exposed soil and distressed vegetation appeared to be associated with the most heavily trafficked areas between the sidewalk and the gate. Distressed vegetation was present in the northeastern corner of the Site along the fence line; however, soil staining or discoloration was not observed. One tree was observed on the northwestern portion of the Site.

The Site was littered with unpainted wood debris and food grade trash. A wood post with cables and piping was observed on the west portion of the Site. This feature appeared to be the location of utility hook-ups for the property.

## **5.3 Site Observations**

The Site was undeveloped vacant land during the ARCADIS site visit. Food grade litter, household debris, and un-painted wood debris were observed throughout the Site; however, the debris is considered a *de-minimis* condition that does not present a material risk to public or the environment. No burnt household debris was observed on the Site.

Stormwater run-off from the Site is directed to storm drains in the adjacent street.

No evidence of the following features was observed on the Site or from our review of historical data for the Site during this assessment:

- cultivated crops
- areas of distressed vegetation with the exception of worn vegetation likely attributed to foot traffic
- mines
- UST fill pipes UST vent pipes or other evidence of USTs
- ASTs
- Unlabeled or labeled drums
- pad-mounted or pole-mounted transformers
- stained soil
- obvious odors
- septic system(s)
- leachate or seeps
- chemical spills or releases
- easements for pipelines or railroads
- illegal drug manufacturing sites or clandestine methamphetamine laboratories
- pits, ponds or lagoons
- water bodies/surface drainage ditches

## **6. ADDITIONAL RESEARCH DATA**

### **6.1 Radon Gas Data**

The U.S. EPA considers radon to be unhealthful at levels of 4.0 picoCuries per liter (pCi/L) of air or greater. According to the Federal Area Radon data, a total of 14 radon tests were conducted in Yuba County. According to data collected during this study, seven percent of the tests revealed radon concentrations at levels of 4.0 pCi/L of air or greater in the first floor of the living area and none of the tests revealed radon concentrations at levels of 4.0 pCi/L of air or greater in basements.

Therefore, the potential for elevated radon levels at the Site appears to be low for aboveground structures and low to moderate for below ground structures.

### **6.2 Regional Asbestos Information**

Asbestos deposits, which are located in many parts of California, are commonly associated with serpentine and can be either asbestiform (fibrous) or non-asbestiform (platy). Chrysotile, crocidolite, amosite, tremolite, actinolite, and anthophyllite are the principal forms of asbestos. Chrysotile breaks into curly fibers, while the remaining types tend to have a thin needle-like appearance.

Serpentinite is a rock composed almost entirely of serpentine and is the most common host rock for chrysotile. Generally, chrysotile and amphibole asbestos varieties occur in areas where the original rock has metamorphosed under elevated temperatures and pressures. Serpentinite and its parent material, ultramafic rock, are present in California's Sierra Nevada Foothills. Typically, the asbestos content of these rocks ranges from less than 1 percent to about 25 percent, with higher concentrations sometimes found.

Disturbance of asbestos-containing rock and soil can result in a release of asbestos fibers to the air. This disturbance can be caused by driving over roads or driveways surfaced with these materials, construction activities (ripping of outcrops and bedrock), and/or weathering and erosion processes. Once released into the air, asbestos fibers are relatively stable and can remain airborne for long periods of time.

Asbestos fibers that have become airborne can be inhaled deep into the lungs where they can remain for extended periods of time or be translocated to other parts of the body. Once inhaled, asbestos fibers can cause health problems. The potential for

developing health problems from asbestos exposure, depends on the length and intensity of the exposure. Asbestos is classified as a known human carcinogen by state and federal agencies. Diseases related to asbestos exposure include asbestosis, lung cancer, and mesothelioma.

Three potential sources of asbestos are within the general area of the Site. These sources, serpentinized ultramafic rock, asbestos associated with fault/shear zones, and asbestos associated with metamorphosed volcanic rocks, are described and evaluated below relative to the Site.

The best-known guidance on the occurrence of ultramafic rocks in California is "A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain naturally Occurring Asbestos," published by the California Department of Conservation (DOC 2000), which is a digitized version of the "Geologic Map of California" (DOC 1977). The closest mapped serpentinized ultramafic rock shown on this map is approximately 23 miles east of the Site. The general lack of detail on this map makes pinpointing the Site challenging, and as a result this measured distance is roughly approximated.

The more recent "Geologic Map of the Chico Quadrangle, California" (DOC 1992) also known as the "Chico Sheet", was also reviewed. This map has more detail; resulting in better identification of the Site's location, additional serpentinized ultramafic rock occurrences are shown, and the measured distances to these occurrences have more accuracy. The closest mapped serpentinized ultramafic rock outcrop shown on this map is approximately 21 miles east of the Site.

Based on these measured distances, outcrops of serpentinized ultramafic rock are well beyond the 10-mile criterion, a distance criterion defined in the Interim Guidance, Naturally Occurring Asbestos (NOA) at School Sites (DTSC 2004).

Asbestos minerals are sometimes found in association with fault zones and shear zones. As a result, the Swain Ravine Fault Zone (DOC 1992, ACOE 1977) is a potential source of naturally occurring asbestos. However, this fault zone is located approximately 12.5 miles to the east of the Site, which is also beyond the 10-mile criterion.

### **6.3 California General Education Code Provisions and Environmental Hazard Information**

As part of an evaluation of the Site as a potential school owned and operated property, ARCADIS was requested to assess the following environmental issues, which are applicable to Kindergarten through 12 schools, as noted in certain portions of the Phase I Environmental Site Assessment Advisory: School Property Evaluations and the State of California General Education Code Provisions, Division 1, Part 10.5, Chapter 1, Article 1. This information is also part of the Environmental Hazards Survey (EHS) for the Site requested by the MJUSD. Copies of the phone logs and requests for the information detailed below are included in Appendix C.

#### **6.3.1 State of California General Education Code Provisions**

*The Site is not built upon a property which contains abandoned/inactive mines, mine waste, and/or unusual environmental conditions resulting from past mining, milling, and/or smelting operations.*

- ARCADIS has found no evidence during the course of this assessment to suggest that the Site was formerly or is currently located in the vicinity of abandoned/inactive mines, mine wastes, and/or unusual environmental conditions resulting from past mining, milling, and/or smelting operations.

*The Site is not built upon a property currently or formerly owned or used by the following U.S. Government agencies: Departments of the Army, Air Force, Navy, Defense or Energy, or Formerly Used Defense Sites. In addition, the Site is not built upon a property which has the potential for the presence of unexploded ordnance.*

- ARCADIS has found no evidence during the course of this assessment to suggest that the Site was formerly or is currently owned or used by the aforementioned government agencies.

*The Site has not been identified as a location of previous law enforcement or Department of Toxic Substances Control (DTSC) cleanup activities for illegal drug laboratories.*

- ARCADIS has found no evidence during the course of this assessment to suggest that the Site was a location of previous law enforcement or DTSC cleanup activities for illegal drug laboratories.

*The Site is not part of a current or former hazardous waste disposal site or solid waste disposal site.*

- ARCADIS has found no evidence during the course of this assessment to suggest that the Site was formerly or is currently part of a regulated hazardous waste site.

*The Site is not built upon a hazardous substance release site as identified by the State Department of Health Services in a current list adopted pursuant to Section 25336 for removal or remedial action pursuant to Chapter 6.8 (commencing with Section 25300) of Division 20 of the Health and Safety Code.*

- ARCADIS has found no evidence during the course of this assessment to suggest that the Site was a hazardous substance release site.

*The Site is not built upon a property which contains one or more pipelines, situated underground or aboveground, which carries hazardous substances, acutely hazardous materials, or hazardous wastes, unless the pipeline is a natural gas line which is used only to supply natural gas to that school or neighborhood.*

- ARCADIS has found no evidence during the course of this assessment to suggest that the Site is built upon hazardous substance pipelines.

*The proposed school site is not located within a 0.25-mile radius of a facility, which might reasonably be anticipated to emit hazardous air emissions, or to handle hazardous or acutely hazardous materials, substances, or waste.*

- The Site is located in an area primarily used for residential and is not considered a hazardous air emitter.
- Information provided by the Feather River Air Quality Management District identified two stationary sources (Johnson Park Elementary School and Sierra View Memorial Park) of air contaminants within a 0.25-mile radius of the Site. Johnson Park Elementary School operates a boiler and the Sierra View Memorial Park operates under agency permit number P28004 for the air emission of benzene. Sierra View Memorial Park's activities are associated with a human crematorium.

In addition, the Site is located in the vicinity of potential increased emissions of air contaminants from vehicles or locomotives. The Site is located approximately 0.25-



mile southwest of Highway 65 and the Southern Pacific railroad and approximately 0.25-mile east of Highway 70.

ARCADIS assumes no additional research or studies are necessary pertaining to the air emitters in the site vicinity given that LHS is located closer to the emitters than the Site.

*The proposed school-site is not located within a 2-mile radius of an active runway.*

- ARCADIS contacted the U.S. Department of Transportation, Federal Aviation Administration (FAA) to research historical and/or current airport runways within two nautical miles (12,150 feet) of the Site. According to the FAA, the Yuba County Airport is the only active runway within two nautical miles of the Site.

ARCADIS assumes no additional research or studies are necessary pertaining to the active runway in the site vicinity given that LHS is located closer to the active runway than the Site.

*A provision in the California Code of Regulations, Title 5, Division One, Chapter 13, Subchapter One, School Facilities Construction, Article Two, School Sites, Paragraph d., mandates that "If the proposed site is within 1,500 feet of a railroad track easement, a safety study shall be done by a competent professional trained in assessing cargo manifests, frequency, speed, and schedule of railroad traffic, grade, curves, type and condition of track, need for sound or safety barriers, need for pedestrian and vehicle safeguards at railroad crossings, presence of high-pressure gas lines near the tracks that could rupture in the event of a derailment, preparation of an evacuation plan. In addition to the analysis, possible and reasonable mitigation measures must be identified."*

- The nearest active railroad track is located approximately 1,320 feet northeast of the Site and is owned and operated by the Southern Pacific Railroad Company. ARCADIS assumes no additional research or studies are necessary pertaining to the active railroad tracks in the site vicinity given that LHS is located closer to the active railroad tracks than the Site.

*A provision in the California Code of Regulations, Title 5, Division One, Chapter 13, Subchapter One, School Facilities Construction, Article Two, School Sites, Paragraph c., mandates that "The property line of the site ... shall be at least the following*

*distance from the edge of respective power line easements: 1. 100 feet for 50-133 kV line; 2. 150 feet for 220-230 kV line; and 3. 350 feet for 500-550 kV line."*

- According to information obtained from Pacific Gas and Electric Company (PG&E), no power lines are located within the specified distances to the Site.

In addition, no pad-mounted or pole-mounted transformers were observed on the Site and no cell phone transmission towers were observed within 1,500 feet of the Site.

*California Code of Regulations Title 5, Section 14010(h) stipulates that proposed school sites shall not be located within 1,500 feet of the easement of an aboveground water or fuel storage tank, aboveground pipeline, or underground pipeline that can pose a safety hazard as established by a risk analysis study.*

- ARCADIS has found no evidence during the course of this assessment to suggest that the Site is built upon hazardous substance pipelines.
- An approximately 750,000-gallon water storage AST was observed adjacent to LHS and approximately 1,125 feet west of the Site near the intersection of Twain Drive and Lever Avenue. According to the Initial Study and Negative Declaration, prepared by Planning Partners in conjunction with the Olivehurst Public Utility District, the water storage AST does not have the potential to cause substantial adverse effects on human beings provided the identified mitigation measures are being implemented and monitoring is being performed in accordance with existing regulation. ARCADIS assumes no additional research or studies are necessary pertaining to the water storage AST in the site vicinity given the conclusions of the Initial Study and Negative Declaration and given that LHS is located closer to the water storage AST than the Site.
- According to Mr. Tim Shaw of the Olivehurst Public Utility District, one 10-inch diameter water pipeline is located within McGowan Parkway. McGowan Parkway is located approximately 1,700 feet from the Site; therefore, the water pipeline is considered greater than the 1,500 feet stipulation and no additional research or studies are necessary.
- According to the Pipeline and Hazardous Materials Safety Administration (PHMSA), high-pressure natural gas and hazardous liquid pipelines are located approximately 1,320 feet northeast of the Site in the vicinity of the Southern Pacific

railroad. ARCADIS assumes no additional research or studies are necessary pertaining to the pipelines given that LHS is located closer to the pipeline than the Site.

*Senate Bill 352 requires that school districts evaluate air quality at the proposed school site if a busy freeway or traffic corridor is located within 500 feet of the site. A busy freeway or traffic corridor is defined by Senate Bill 352 as averaging more than 50,000 vehicles per day in rural areas and 100,000 vehicles per day in urban areas.*

- Highway 65 and Highway 70 in the site vicinity are both located over 1,000 feet from the Site; therefore, ARCADIS assumes no additional research or studies are necessary pertaining to the traffic corridor.

#### 6.3.2 EHS Information

The EHS information below is intended to supplement the findings in Section 6.3.1. The findings of the EHS were based on the results of a site visit, review of available and pertinent background information and following the completion of a checklist of hazards as described in California Code of Regulations (CCR), Title 5 (Section 14001) used by the California Department of Education (CDE) School Facilities Planning Division staff for site-review purposes. The EHS findings are presented below.

- Earthquakes and Fault/Trace: The Site is not located within the Alquist-Priolo Fault Zone.
- Flood: According to the National Flood Insurance Program, Flood Insurance Rate Map, the Site is located in an area characterized as “other – zone x” as an area determined to be outside the 0.2% annual chance floodplain.
- Dam Inundation: The Site is located within the inundation zones associated with four dams (Jackson Meadows, Bowman, Scotts Flat, and New Bullards Bar), located in the mountains and foothills to the east and northeast of the Site. Most other parts of western Yuba County are also located within one or more dam inundation zones. In addition, dam failures could affect the Site indirectly, if they led to failures of the local levees. However, the potential for dam failure has been characterized as “very unlikely” by the County of Yuba.

## **7. Interviews**

### **7.1 Interview with Owner/Key Site Manager**

ARCADIS received a questionnaire from Ms. Healy, Director of Planning for the MJUSD. A summary of the user-provided questionnaire regarding the Site is included in Section 3.0.

### **7.2 Interviews with Occupants**

No site occupants were available for interview.

### **7.3 Interviews with Local Regulatory Agencies**

Interviews conducted with local regulatory agencies and research conducted at county regulatory offices are summarized in Section 4.5. No additional regulatory agency interviews were conducted.

### **7.4 Interviews with Others**

No past owners, operators or occupants were interviewed at the time of this assessment.

## **8. Findings**

### **8.1 On-Site Findings**

At the time of ARCADIS's reconnaissance, the following findings were observed:

- Based on historical research, the Site was used for agricultural purposes (likely field crops) in at least the 1940s.
- The Site was undeveloped land until at least 1978 when it was developed with one single-family residence structure which was demolished in 2008 following an internal fire.
- The Site is proposed to be developed as an extension of the LHS as a paved walkway and school access route.

- The Site is located within two nautical miles of an active runway and 0.25-mile of identified stationary sources of air contaminants, an active railroad track, an approximately 750,000-gallon water storage AST, and high-pressure natural gas and hazardous liquid pipelines. ARCADIS assumes no additional research or studies are necessary pertaining to these potential concerns in the site vicinity because the LHS school campus is located closer to these items than the Site.

## **8.2 Site Assessment Data Gaps**

The following lack of information represents data gaps: (1) ARCADIS did not interview past site owners, operators or occupants in the course of this assessment; (2) a 50-year chain-of-title report was not provided to ARCADIS; (3) intervals between aerial photographs/topographic maps were more than 5 years; and (4) analytical data to establish soil quality and possible impacts from lead-based paint (LBP), asbestos, and organochlorine pesticides (OCPs). These data gaps do not appear to be significant and do not impede ARCADIS' ability to identify RECs.

## **8.3 Off-Site**

The site vicinity is comprised of the LHS campus to the north and residential development adjacent to the west, south and east of the Site.

ARCADIS contracted with EDR to conduct a search of state and federal regulatory databases to identify recorded concerns for the Site and surrounding properties. The database report identified several off-site properties that were listed on state and federal environmental databases; however, based on their regulatory status (closed), distances from the Site, and/or location in terms of assumed groundwater flow direction (east-southeast based on topography), these facilities do not represent an REC to the Site.

## **9. Conclusions**

ARCADIS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the Site identified as 4347 Evelyn Drive in Olivehurst, California. There were no deviations from the scope of services for this Phase I ESA.

The following lack of information represents data gaps: (1) ARCADIS did not interview past site owners/operators/occupants; (2) a 50-year chain-of-title report was not provided to ARCADIS; (3) intervals between aerial photographs/topographic maps

were more than 5 years; and (4) analytical data to establish soil quality and possible impacts from lead-based paint (LBP), asbestos, and OCPs. These data gaps do not appear to be significant and do not impede ARCADIS' ability to identify RECs.

Based on the assumed date of construction associated with the former on-site structure (1978), materials painted with LBP and/or asbestos containing materials (ACMs) may have been used in construction of the residence and released into the site soil during demolition. Lead and asbestos abatement documentation is not available for the demolition of the structure. ARCADIS recommends that a soil sampling and analysis program for lead and asbestos be performed for the Site. Fire specific contaminants such as Polycyclic Aromatic Hydrocarbons (PAHs) and/or metals (other than lead) are not proposed to be evaluated in soil because the former structure fire was contained within the structure.

OCPs may be present in site soil from termiticide application around the former structure. ARCADIS recommends that a soil sampling and analysis program for lead and OCPs be performed for the Site.

The Site appears to have been used for agricultural purposes (likely field crops) in the past. Pesticides are typically not applied to these types of crops; however, OCPs analysis of soil samples collected from around the former structure should be sufficient to evaluate impacts to the Site's soil from application of environmentally persistent pesticides.

ARCADIS recommends that a soil sampling and analysis program for lead, asbestos, and OCPs be performed for the Site.

The soil sampling and analysis program is suggested to be in compliance with the DTSC's *Interim Guidance, Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* (DTSC 2006).

## **10. References**

### **Persons/Offices Contacted Regarding the Site:**

- Ms. Michal Healy, Director of Planning and Design, MJUSD
- Mr. Tim Shaw, Operations Manager, Olivehurst Public Utility District

- Mr. Wade Harrison, Fire Chief, Olivehurst Fire Protection District
- Mr. Kevin Roush, Assistant Agricultural Commissioner, Yuba County Agricultural Commissioner Weights and measures
- Mr. Dan Redding, Yuba County Building Department
- California Regional Water Quality Control Board
- Feather River Air Quality Management District
- Federal Aviation Administration
- Kinder Morgan Energy Partners, L.P.
- Pacific Gas & Electric Company
- State Fire Marshall
- Yuba County Assessor's Office
- Yuba County Department of Environmental Health

**Reports, Plans and Other Documents Reviewed:**

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Occurring Asbestos (NOA) at School Sites. Revised 9/24/04.



**PHASE I  
ENVIRONMENTAL SITE  
ASSESSMENT**

4347 Evelyn Drive  
Olivehurst, California

- . 2006. Interim Guidance, Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers. Revised 06/09/06.



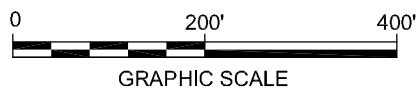
**Figure**



MAP SOURCE: Google Earth Pro™ 2009, 39° 4'55.53"N, 121°32'13.23"W

#### LEGEND:

--- PROPERTY BOUNDARY



4347 EVELYN DRIVE  
OLIVEHURST, CALIFORNIA

#### SITE LOCATION MAP



FIGURE  
**1**



## **Appendix A**

User Questionnaire

## Phase I Environmental Site Assessment Questionnaire

Date: 11.17.2011  
Site Name: EVELYN PROPERTY Your Name: MICHAEL HEALY  
Site Location: 4347 EVELYN DRIVE 95901 Your Title: DIRECTOR OF PLANNING  
Relationship to Site: ☒ Owner ☐ Occupant ☐ Purchaser ☐ Other  
Length of Time Associated with Site: 3 months

Please review and complete this questionnaire which will assist LFR in completing our site assessment. If sufficient space is not provided, please complete your response on a separate sheet of paper and attach it to this questionnaire.

1. Do you have a title document prepared for the Site? ☒ Yes ☐ No

If yes, please provide a copy to LFR.

2. Are you aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

3. Are you aware of any activity or land use limitations, such as engineering controls (for contaminant control), land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

4. Do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: LINDHURST HIGH SCHOOL IS ADJACENT TO  
THIS PROPERTY

5. Are you aware of commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

a) Do you know the past uses of the Site?

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: RESIDENTIAL HOUSE

b) Do you know of specific chemicals that are present or once were present at the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_

c) Do you know of chemical spills that have taken place at the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_

d) Do you know of any environmental cleanups that have taken place at the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_

e) Do you know if any fill material has been imported to the Site?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If Yes, please explain: CONTRACTOR USED IT FOR A STAGGING  
AREA FOR CONSTRUCTION OF A NEW BUILDING AT LHS IN 2009

6. Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

7. Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

8. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

9. Based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If Yes, please explain: FIRE (INSIDE HOUSE)  
\_\_\_\_\_

10. Does the Site's purchase price reasonably reflect the fair market value of the property?

☒ Yes ☐ No ☐ Unknown ☐ N/A

If No, do you know the reason for lower purchase price? Is it possible that the lower purchase price is because of contamination known or believed to be present at the Site?

☐ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: \_\_\_\_\_

11. Have any of the following documents been prepared for the Site and, if so, can copies be provided to LFR:

- Environmental site assessment reports ☐ Yes ☒ No ☐ Copies available
- Environmental compliance audit reports ☐ Yes ☒ No ☐ Copies available
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits) ☐ Yes ☒ No ☐ Copies available
- Registrations for underground storage tanks (USTs) and/or above ground storage tanks (ASTs) ☐ Yes ☒ No ☐ Copies available
- Registrations for underground injection systems ☐ Yes ☒ No ☐ Copies available
- Material safety data sheets ☐ Yes ☒ No ☐ Copies available
- Community right-to-know plan ☐ Yes ☒ No ☐ Copies available
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. ☐ Yes ☒ No ☐ Copies available
- Reports regarding hydrogeologic conditions on the Site or in the surrounding area  
☐ Yes ☒ No ☐ Copies available
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the Site or relating to environmental liens encumbering the Site ☐ Yes ☒ No ☐ Copies available
- Hazardous waste generator notices or reports ☐ Yes ☒ No ☐ Copies available
- Risk assessments ☐ Yes ☒ No ☐ Copies available
- Recorded Activity and Use Limitations (e.g. deed restriction, asphalt cap)  
☐ Yes ☒ No ☐ Copies available

LFR appreciates your assistance on this project.



## **Appendix B**

Title Report



**PLACER TITLE COMPANY**

**BURKE REALTY GROUP  
1241 HAWKS FLIGHT COURT  
EL DORADO HILLS, CA 95762  
MICHELLE VISENTIN**

**April 28, 2011**

**Order No.: 407-8427  
Reference:**

**Property Address:**

**APN 014-550-013-000, OLIVEHURST**

**Thank you for letting us be of service to you. Enclosed are the reports requested on the above referenced property. If you have any questions concerning this report, please contact the office shown on the first page of the report.**

**5828 Lonetree Blvd., Suite 200, Rocklin, CA 95765 - (916) 624-8141 Fax (916) 624-7383**

# PLACER TITLE COMPANY

## Preliminary Report

Issued By:

Order No. 407-8427

PLACER TITLE COMPANY  
950 GLENN DRIVE  
SUITE 120

FOLSOM, CA 95630

Escrow Officer: Cara Filipelli Hield / Angela O'Brien

Phone: 916-353-1953

Fax: 916-353-1073

Escrow Officer Email: 407b@placertitle.com

Email Loan Docs To: 407edocs@placertitle.com

Customer Reference:

Property Address: APN 014-550-013-000, OLIVEHURST

I HAVE READ AND UNDERSTOOD & RECEIVED  
A COPY OF THIS DOCUMENT  
Date 4/21/11  
Date \_\_\_\_\_

In response to the above referenced application for a policy of title insurance, PLACER TITLE COMPANY hereby reports that it is prepared to issue, or cause to be issued, through one of its authorized underwriters, 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 below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations 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 the attached. 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 the attached. Copies of the Policy forms should be read. They are available from the office which issued this report.

PLEASE READ THE EXCEPTIONS SHOWN OR REFERRED TO BELOW AND THE EXCEPTIONS AND EXCLUSIONS SET FORTH IN THE ATTACHED CAREFULLY. THE EXCEPTIONS AND EXCLUSIONS ARE MEANT TO PROVIDE YOU WITH NOTICE OF MATTERS WHICH ARE NOT COVERED UNDER THE TERMS OF 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.

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.

Dated as of April 21, 2011 at 7:30 a.m.

Title Officer: Jerry Quintana

Order No. 407-8427

The form of policy of title insurance contemplated by this report is:

2006 ALTA Owners Standard Coverage Policy (6/17/06)  
2006 ALTA Loan Extended Coverage Policy (6/17/06)

The estate or interest in the land hereinafter described or referred to covered by this Report is:

**A FEE SIMPLE**

Title to said estate or interest at the date hereof is vested in:

**ROEBBELEN CONTRACTING, INC.**

The land referred to herein is described as follows:

**SEE EXHIBIT "A" ATTACHED**

**EXHIBIT "A"**  
**LEGAL DESCRIPTION**

THE LAND DESCRIBED HEREIN IS SITUATED IN THE STATE OF CALIFORNIA, COUNTY OF YUBA, UNINCORPORATED AREA, AND IS DESCRIBED AS FOLLOWS:

**LOT 13, AS SHOWN ON THE MAP ENTITLED, "YUBA COUNTY TRACT 214 BEING ALSO KNOWN AS OLIVE PARK UNIT NO. 2", FILED IN THE OFFICE OF THE COUNTY RECORDER OF YUBA COUNTY, CALIFORNIA, ON DECEMBER 29, 1977, IN BOOK 25 OF MAPS, AT PAGE 1.**

**EXCEPTING THEREFROM ALL OIL, GAS, HYDROCARBONS AND MINERALS AS EXCEPTED IN THE DEED FORM CENTRAL BANK, A CORPORATION TO S.R. JOHNSON, RECORDED FEBRUARY 8, 1944 IN BOOK 80, PAGE 288, YUBA COUNTY RECORDS. THE RIGHT IN AND TO SAID OIL, GAS, HYDROCARBONS AND MINERALS TO A DEPTH OF 100 FEET BELOW THE SURFACE HAVE BEEN QUITCLAIMED BY DEED EXECUTED BY TRANSAMERICA DEVELOPMENT COMPANY RECORDED JANUARY 5, 1970 IN BOOK 493, AT PAGE 88, YUBA COUNTY OFFICIAL RECORDS.**

**APN: 014-550-013**

EXCEPTIONS

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. TAXES, SPECIAL AND GENERAL, ASSESSMENT DISTRICTS AND SERVICE AREAS FOR THE FISCAL YEAR 2011-2012, A LIEN, NOT YET DUE OR PAYABLE.
2. 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.

\*\*\* NOTE: (FOR PRO-RATION PURPOSES ONLY)

TAXES, SPECIAL AND GENERAL, ASSESSMENT DISTRICTS AND SERVICE AREAS, FOR THE FISCAL YEAR 2010-2011:

1ST INSTALLMENT: \$137.02 PAID

2ND INSTALLMENT: \$137.02 PAID

ASSESSED VALUATIONS:

LAND: \$24,000.00

IMPROVEMENTS: \$0.00

EXEMPTION: \$0.00

PARCEL NO.: 014-550-013

CODE AREA: 064-138

ASSESSMENT NO.: 0

3. DEDICATIONS AS SET FORTH AND SHOWN ON THE OFFICIAL MAP OF SAID SUBDIVISION AS FOLLOWS:

A. PUBLIC UTILITY EASEMENT OVER THE WESTERLY 20 FEET AND THE SOUTHERLY 10 FEET.

4. TERMS, PROVISIONS, COVENANTS, CONDITIONS, RESTRICTIONS AND EASEMENTS, PROVIDED IN THE COVENANTS, CONDITIONS AND RESTRICTIONS, BUT OMITTING ANY COVENANT, CONDITION OR RESTRICTION, IF ANY, BASED ON RACE, COLOR, RELIGION, SEX, HANDICAP, FAMILIAL STATUS OR NATIONAL ORIGIN UNLESS AND ONLY TO THE EXTENT THAT THE COVENANT, CONDITION OR RESTRICTION (A) IS EXEMPT UNDER TITLE 42 OF THE UNITED STATES CODE, OR (B) RELATES TO HANDICAP, BUT DOES NOT DISCRIMINATE AGAINST HANDICAPPED PERSONS, IN DOCUMENT RECORDED DECEMBER 30, 1977, AS BOOK 656, PAGE 617, OFFICIAL RECORDS.

NOTE: SECTION 12956.1 OF THE GOVERNMENT CODE PROVIDES THE FOLLOWING:  
"IF THIS DOCUMENT CONTAINS ANY RESTRICTION BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, NATIONAL ORIGIN, SOURCE OF INCOME AS DEFINED IN SUBDIVISION

EXCEPTIONS  
(Continued)

(P) OF SECTION 12955, OR ANCESTRY, THAT RESTRICTION VIOLATES STATE AND FEDERAL FAIR HOUSING LAWS AND IS VOID, AND MAY BE REMOVED PURSUANT TO SECTION 12956.2 OF THE GOVERNMENT CODE. LAWFUL RESTRICTIONS UNDER STATE AND FEDERAL LAW ON THE AGE OF OCCUPANTS IN SENIOR HOUSING OR HOUSING FOR OLDER PERSONS SHALL NOT BE CONSTRUED AS RESTRICTIONS BASED ON FAMILIAL STATUS."

CONTAINS: MORTGAGEE PROTECTION CLAUSE.

\*\*\*\*\*

\*\*\* CHAIN OF TITLE REPORT:

ACCORDING TO THE PUBLIC RECORDS, NO DEEDS CONVEYING THE PROPERTY DESCRIBED IN THIS REPORT HAVE BEEN RECORDED WITHIN A PERIOD OF 2 YEARS PRIOR TO THE DATE OF THIS REPORT, EXCEPT AS SHOWN HEREIN:

NONE

\*\*\* NOTICE REGARDING FUNDS DEPOSITED IN ESCROW:

CALIFORNIA INSURANCE CODE SECTION 12413.1 REGULATES THE DISBURSEMENT OF ESCROW AND SUB-ESCROW FUNDS BY TITLE COMPANIES. THE LAW REQUIRES THAT FUNDS BE DEPOSITED IN THE TITLE COMPANY ESCROW ACCOUNT AND AVAILABLE FOR WITHDRAWAL PRIOR TO DISBURSEMENT. FUNDS DEPOSITED WITH THE COMPANY BY WIRE TRANSFER MAY BE DISBURSED UPON RECEIPT. FUNDS DEPOSITED WITH THE COMPANY VIA CASHIER'S OR TELLER'S CHECKS DRAWN ON A CALIFORNIA BASED BANK MAY BE DISBURSED THE NEXT BUSINESS DAY AFTER THE DAY OF DEPOSIT. IF FUNDS ARE DEPOSITED WITH THE COMPANY BY OTHER METHODS, RECORDING AND/OR DISBURSEMENT MAY BE DELAYED.

\*\*\* CANCELLATION NOTE:

THIS REPORT IS SUBJECT TO A MINIMUM CANCELLATION CHARGE OF \$400.00 AS REQUIRED BY SECTION 12404 OF INSURANCE CODE AND RULE 2 OF BULLETIN NO. NS-35E.

AFTER RECORDING RETURN TO:  
 Wafeco Title Insurance Company  
 2201 "K" Street  
 Sacramento, California

7420

Title Insurance &amp; Trust Co.

RECORDED IN OFFICIAL RECORDS OF  
 YUBA COUNTY, CALIFORNIA  
 AT 10 MIN. PAST 11 A.

DEC 30 1977

KARL A. COZAD, COUNTY RECORDER

## DECLARATION OF TRACT RESTRICTIONS

OLIVE PARK UNIT NO. 2

TRACT 214

JOHN D. REYNEN, a married man, as to an undivided 1/2 interest, and CHRISTO D. BARDIS, a single man, as to an undivided 1/2 interest, herein designated DECLARANTS, owners of a certain subdivision and tract of land situated in the County of YUBA, State of California, known generally and described as Lots 1 thru 59 inclusive, plat of OLIVE PARK UNIT NO. 2, according to the official plat thereof, filed for record on December 29, 1977, in the office of the County Recorder of YUBA COUNTY in Book 25 of Maps, Map No. 1, do hereby certify and declare that they have established the following restrictions, covenants and conditions subject to which all lots, parcels and portions of said subdivision shall be held, used, leased, sold and conveyed, each of which is for the benefit of said property and of each and every lot and parcel thereof and shall apply to and bind the respective heirs, executors administrators, successors in interest and assigns of the DECLARANTS as follows:

1. No buildings other than one detached single-family private residence, a private garage for the use of the occupants of such residence and other usual and appropriate outbuildings shall be erected or maintained on any lot or plot in said subdivision and subject to said exception, no use whatsoever except in connection with its use and improvements as the site and grounds of a private residence shall be made of any lot or plot therein. The term "private residence", as used herein, is intended to exclude every form of boarding or lodging house, sanitarium, hospital and the like, but is not intended to exclude a "Guest House", for the entertainment of social guests, nor servants quarters for servants or other employed upon the premises.
2. No residence or dwelling shall be erected or permitted to remain on any lot in said subdivision having a total floor area, exclusive of open porches, garage or other outbuildings, less than 850 square feet.
3. No building shall be located on any lot nearer to the front lot line or nearer to the side street line than the minimum building setback lines shown on the recorded plat. No building shall be located nearer than five feet to an interior lot line, except that no side yard shall be required for a garage or other permitted accessory building locate 40 feet or more from the minimum building setback line. No dwelling shall be located on any interior lot nearer than 15 feet to the rear lot line. For the purpose of this covenant, eaves, steps and chimneys shall not be considered as a part of a building, provided however, that this shall not be construed to permit any portion of a building on a lot to encroach upon another lot.
4. No dwelling shall be erected or placed on any lot having a width of less than 52 feet at the minimum building setback line nor shall any dwelling be erected or placed on any lot having an area of less than 5200 square feet, except that dwelling may be erected or placed on any original lot as shown on the recorded plat.
5. No trailer, garage or other outbuildings shall be used as a temporary or permanent residence, nor shall any residential structure be moved on to said subdivision from any other location. When the erection of any structure is once begun, the work thereon must be prosecuted diligently and said structure must be completed within a reasonable time.

7. No animals, livestock, or poultry of any kind shall be raised, bred or kept on any lot, except that dogs, cats, or other household pets may be kept provided that they are not kept, bred or maintained for any commercial purpose.

8. No buildings, fence, wall, or other permanent structure shall be erected, altered, or placed on any lot in said subdivision until building plans, specifications and plot plan showing the location of structures on the lot have been submitted to and approved in writing as to conformity and harmony of external design and is not interfering with the reasonable enjoyment of any other lot by an Architectural Committee, composed of John D. Reynen and Christo D. Bardis. Upon failure by the Committee or its designated representative to approve or disapprove such plans and specifications within thirty (30) days after the same have been properly presented, approval thereof will be deemed to have been made, provided the proposed construction complies with all the provisions otherwise this declaration. If any member of the Committee resigns or is unable to act, the remaining member shall appoint his successor; pending such appointment, the remaining member shall discharge the functions of the Committee. At any time the Committee, may by recorded statement to the effect, relinquish the right herein reserved to appoint and maintain the Committee and at such the then record owners of fifty percent (50%) or more of the lots in such subdivision may elect and appoint a Committee of three (3) or more of such owners to assume and exercise all of the powers and functions of the Committee specified herein. No member of any Architectural Committee, however created, shall receive any compensation or make any charge for his service as such.

9. If any restrictions, covenants or conditions herein specified, or any part thereof, is invalid or for any reason become unenforceable, no other restrictions, covenants or conditions or any part thereof, shall be thereby affected or impaired.

10. Nothing contained in this Declaration shall impair or defeat the lien of any mortgage or deed of trust made in good faith and for value received but title to any property subject to this Declaration obtained through sale in satisfaction of any such mortgage or deed of trust shall thereafter be held subject to all of the restrictions and provisions hereof.

11. The various restrictive measures and provisions of this Declaration are declared to constitute mutual equitable covenants and servitudes for the protection and benefit of each lot in said subdivision and failure by the Declarant or person or persons entitled so to do to enforce any measure or provision upon violation thereof shall not stop or prevent enforcement thereafter or be deemed a waiver of the right to do so.

12. These covenants, restrictions and agreements shall run with the land and shall continue in full force and effect until December 13, 2011, at which time the same shall be automatically extended for successive periods of ten years, unless by a duly executed and recorded statement, the then owners of fifty (50%) per cent or more of the lots in said subdivision, as shown on the recorded map thereof, elect to terminate or amend said restrictions in whole or in part.

13. Each grantee of a conveyance or purchaser under a contract or agreement of sale by accepting a deed or a contract of sale or agreement of purchase, accepts the same subject to all of the covenants, restrictions, easements and agreements set forth in the Declaration and agrees to be bound by the same.

14. Damages for any breach of the terms, restrictions and provisions of this Declaration are hereby declared not to be adequate compensations, but such breach and/or the continuation thereof may be enjoined or abated by appropriate proceedings by the Declarant, or by an owner or owners of any other lot or lots in said subdivision.



Yuba County

15. If, at any time, it shall become necessary to amend said restrictions, in whole, or in part, it shall require a duly executed and recorded statement of the then owners of seventy-five (75%) per cent or more of the lots described herein, as shown on the recorded map thereof.

IN WITNESS WHEREOF, the Declarant JOHN D. REYNEN, a married man, as his sole and separate property and CHRISTO D. BARDIS, a single man, as tenants in common have cause this instrument to be executed this 13th day of December 1977.

By: *John D. Reynen*  
John D. Reynen  
By: *Christo D. Bardis*  
Christo D. Bardis

STATE OF CALIFORNIA  
COUNTY OF Sacramento } ss.  
On December 13, 1977 before me,  
the undersigned, a Notary Public in and for said County and State,  
personally appeared John D. Reynen  
and Christo D. Bardis

known to me  
to be the person whose name subscribed to the  
within instrument and acknowledged that they executed the  
same.

*Patricia A. Baeta*



FOR NOTARY SEAL OR STAMP

OFFICIAL SEAL  
PATRICIA A. BAETA  
NOTARY PUBLIC-CALIFORNIA  
PRINCIPAL OFFICE IN  
SACRAMENTO COUNTY  
My Commission Expires March 23, 1979

Notary Public (Rev. 1981)  
Notary Seal



## **Appendix C**

Historical Research Documentation



**4347 Evelyn Dr**

4347 Evelyn Dr

Olivehurst, CA 95961

Inquiry Number: 3211465.5

November 30, 2011

## The EDR Aerial Photo Decade Package

# 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.

**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.**

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

## **Disclaimer - Copyright and Trademark Notice**

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**Date EDR Searched Historical Sources:**

Aerial Photography November 30, 2011

**Target Property:**

4347 Evelyn Dr

Olivehurst, CA 95961

| <u><i>Year</i></u> | <u><i>Scale</i></u>               | <u><i>Details</i></u>                     | <u><i>Source</i></u> |
|--------------------|-----------------------------------|---|----------------------|
| 1947               | Aerial Photograph. Scale: 1"=655' | Flight Year: 1947                         | USGS                 |
| 1962               | Aerial Photograph. Scale: 1"=555' | Flight Year: 1962                         | Cartwright           |
| 1974               | Aerial Photograph. Scale: 1"=541' | Flight Year: 1974                         | NASA                 |
| 1984               | Aerial Photograph. Scale: 1"=690' | Flight Year: 1984                         | USGS                 |
| 1987               | Aerial Photograph. Scale: 1"=666' | Flight Year: 1987                         | USGS                 |
| 1998               | Aerial Photograph. Scale: 1"=500' | /Composite DOQQ - acquisition dates: 1998 | EDR                  |
| 2005               | Aerial Photograph. Scale: 1"=500' | Flight Year: 2005                         | EDR                  |
| 2006               | Aerial Photograph. Scale: 1"=500' | Flight Year: 2006                         | EDR                  |



Site

INQUIRY #: 3211465.5

YEAR: 1947

| = 655'







INQUIRY #: 3211465.5

YEAR: 1962

| = 555'







Site

INQUIRY #: 3211465.5

YEAR: 1974

| = 541'







INQUIRY #: 3211465.5

YEAR: 1984

| = 690'







INQUIRY #: 3211465.5

YEAR: 1987

| = 666'







INQUIRY #: 3211465.5

YEAR: 1998

| = 500'







**INQUIRY #:** 3211465.5

**YEAR:** 2005

| = 500'







INQUIRY #: 3211465.5

YEAR: 2006

| = 500'







**4347 Evelyn Dr**

4347 Evelyn Dr

Olivehurst, CA 95961

Inquiry Number: 3211465.4

November 22, 2011

## 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.

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

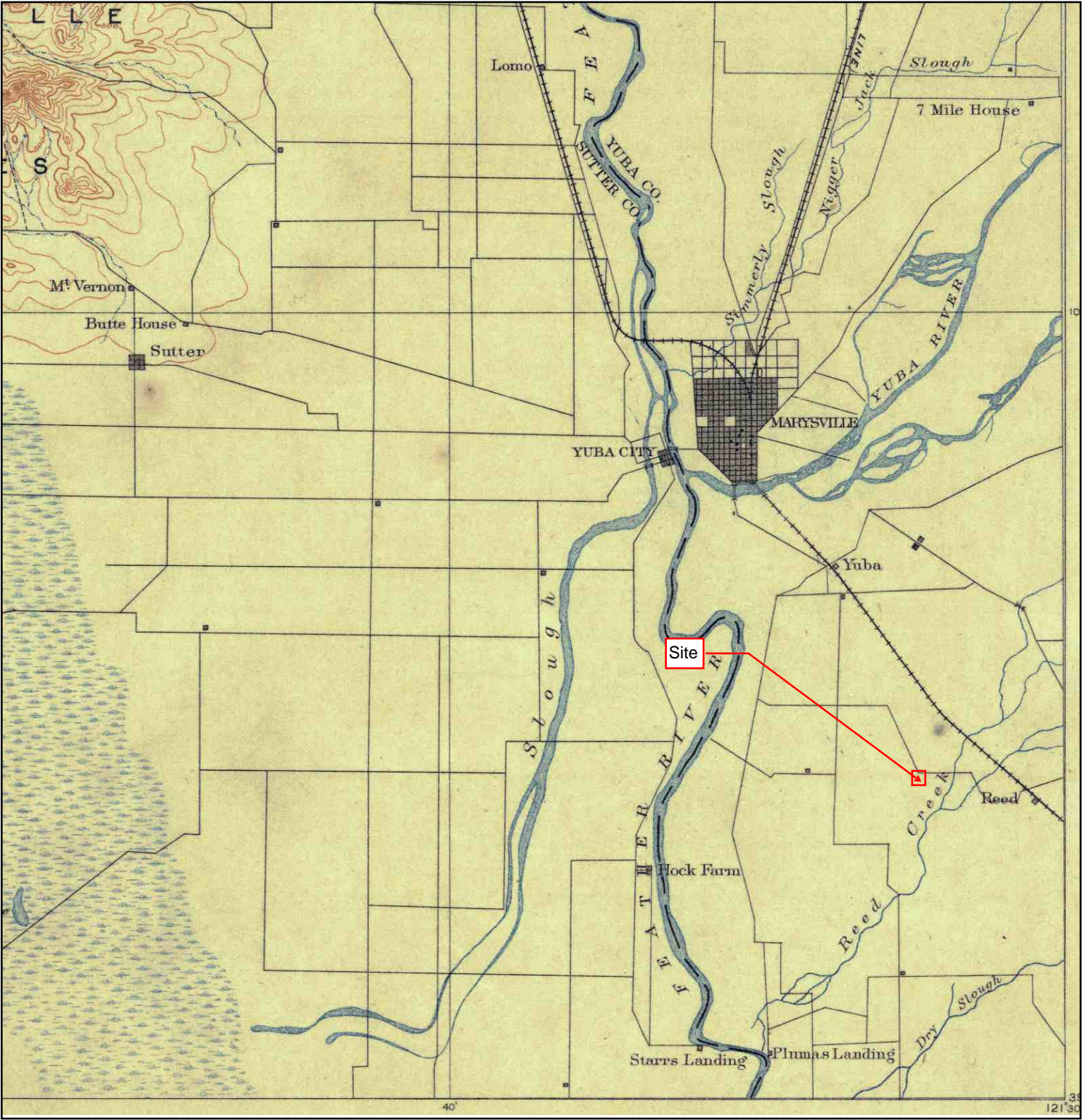
## Disclaimer - Copyright and Trademark Notice

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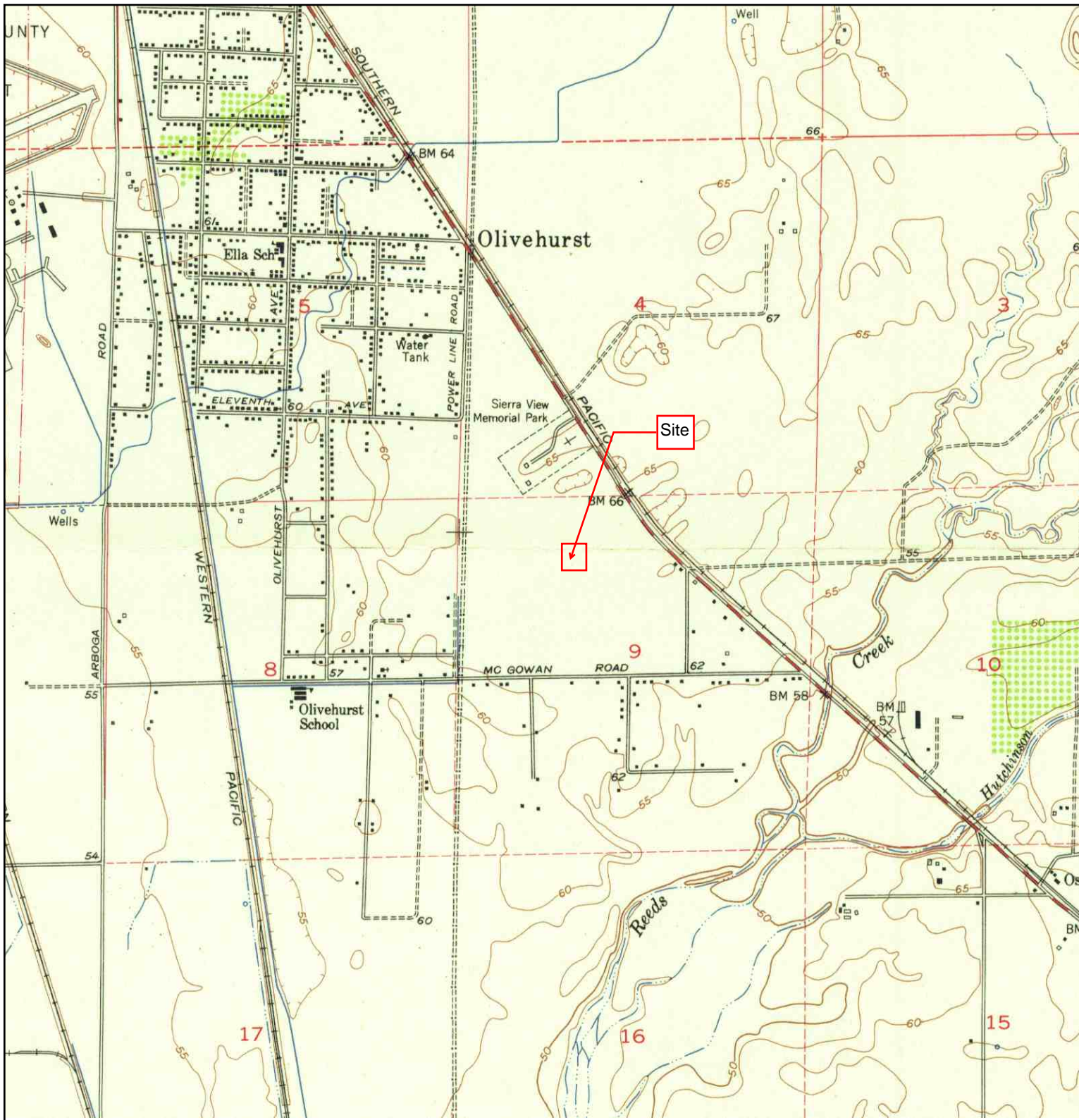
Historical Topographic Map



|  |                  |            |                      |                |                    |
|--|------------------|------------|----------------------|----------------|--------------------|
|  | TARGET QUAD      | SITE NAME: | 4347 Evelyn Dr       | CLIENT:        | ARCADIS U.S., Inc. |
|  | NAME: MARYSVILLE | ADDRESS:   | 4347 Evelyn Dr       | CONTACT:       | Scott Hackman      |
|  | MAP YEAR: 1895   |            | Olivehurst, CA 95961 | INQUIRY#:      | 3211465.4          |
|  |                  | LAT/LONG:  | 39.082 / -121.537    | RESEARCH DATE: | 11/22/2011         |
|  | SERIES: 30       |            |                      |                |                    |
|  | SCALE: 1:125000  |            |                      |                |                    |



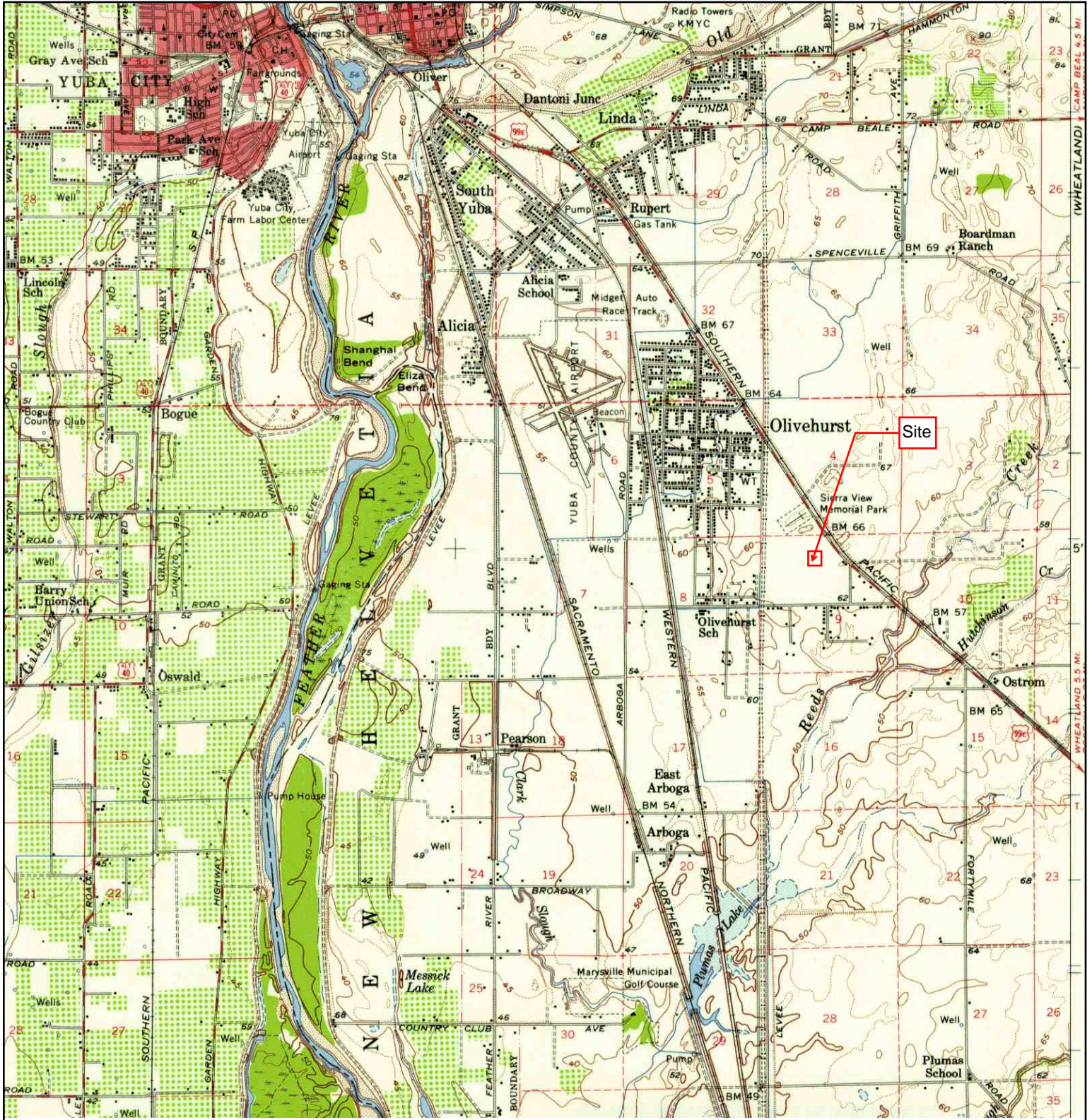
## Historical Topographic Map



|                           |   |  |   |
|---------------------------|---|--|---|
| <div>N</div> <div>↑</div> | <div>TARGET QUAD</div> <div>NAME: OLIVEHURST</div> <div>MAP YEAR: 1952</div> <div>SERIES: 7.5</div> <div>SCALE: 1:24000</div> | <div>SITE NAME: 4347 Evelyn Dr</div> <div>ADDRESS: 4347 Evelyn Dr</div> <div>Olivehurst, CA 95961</div> <div>LAT/LONG: 39.082 / -121.537</div> | <div>CLIENT: ARCADIS U.S., Inc.</div> <div>CONTACT: Scott Hackman</div> <div>INQUIRY#: 3211465.4</div> <div>RESEARCH DATE: 11/22/2011</div> |
|---------------------------|---|--|---|



# Historical Topographic Map



TARGET QUAD  
NAME: MARYSVILLE  
MAP YEAR: 1952

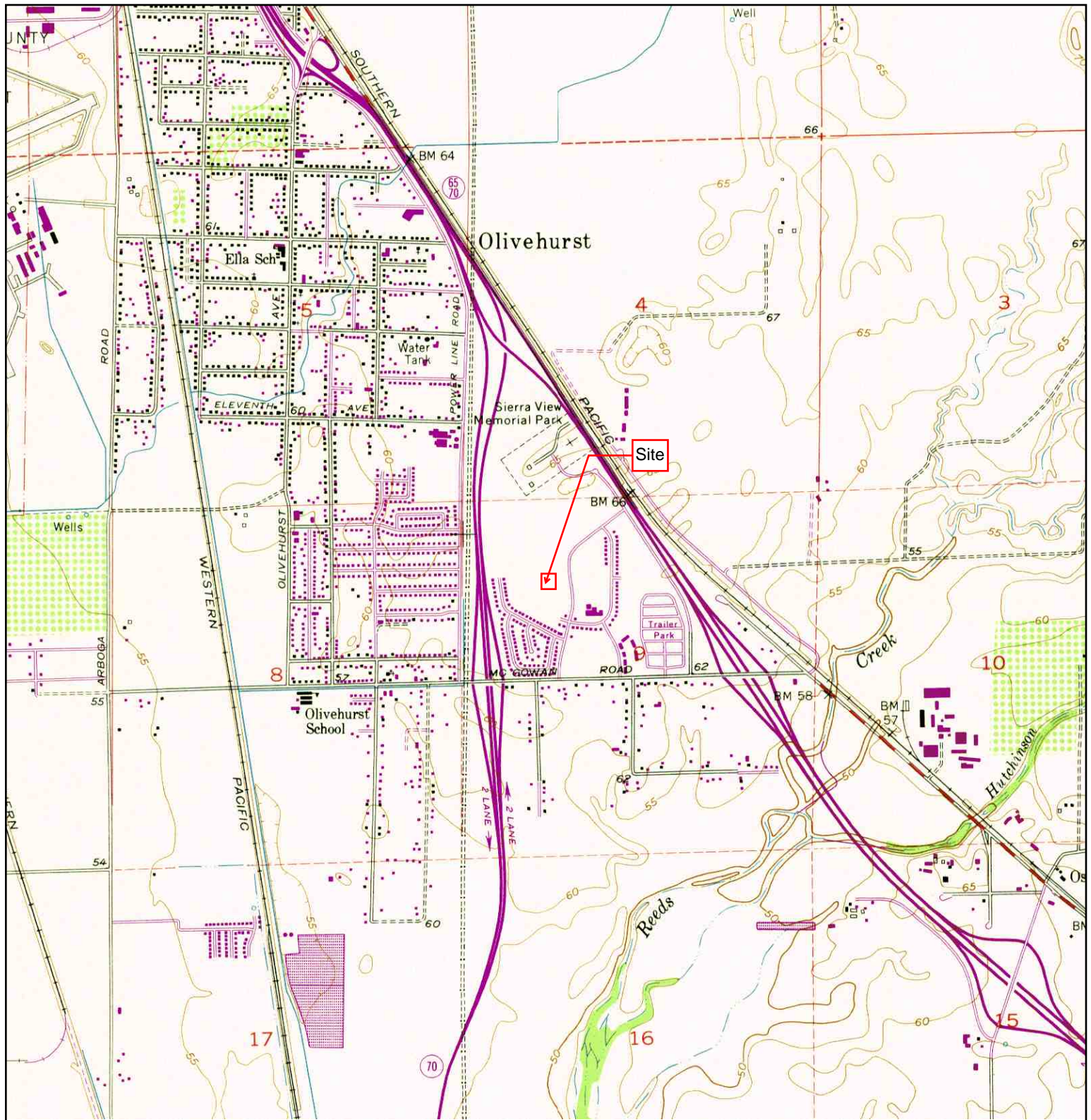
SERIES: 15  
SCALE: 1:62500

SITE NAME: 4347 Evelyn Dr  
ADDRESS: 4347 Evelyn Dr  
Olivehurst, CA 95961  
LAT/LONG: 39.082 / -121.537

CLIENT: ARCADIS U.S., Inc.  
CONTACT: Scott Hackman  
INQUIRY#: 3211465.4  
RESEARCH DATE: 11/22/2011



# Historical Topographic Map



|                |  |   |   |
|----------------|--|---|---|
| <p>N<br/>↑</p> | <p><b>TARGET QUAD</b><br/> NAME: OLIVEHURST<br/> MAP YEAR: 1973<br/> PHOTOREVISED: 1952<br/> SERIES: 7.5<br/> SCALE: 1:24000</p> | <p><b>SITE NAME:</b> 4347 Evelyn Dr<br/> <b>ADDRESS:</b> 4347 Evelyn Dr<br/> Olivehurst, CA 95961<br/> <b>LAT/LONG:</b> 39.082 / -121.537</p> | <p><b>CLIENT:</b> ARCADIS U.S., Inc.<br/> <b>CONTACT:</b> Scott Hackman<br/> <b>INQUIRY#:</b> 3211465.4<br/> <b>RESEARCH DATE:</b> 11/22/2011</p> |
|----------------|--|---|---|



**4347 Evelyn Dr**

4347 Evelyn Dr

Olivehurst, CA 95961

Inquiry Number: 3211465.3

November 21, 2011

## Certified Sanborn® Map Report

## Certified Sanborn® Map Report

11/21/11

**Site Name:**

4347 Evelyn Dr  
4347 Evelyn Dr  
Olivehurst, CA 95961

**Client Name:**

ARCADIS U.S., Inc.  
1410 Rocky Ridge  
Roseville, CA 95661

EDR Inquiry # 3211465.3

Contact: Scott Hackman



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ARCADIS U.S., Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://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:** 4347 Evelyn Dr  
**Address:** 4347 Evelyn Dr  
**City, State, Zip:** Olivehurst, CA 95961  
**Cross Street:**  
**P.O. #** RV009363.0013  
**Project:** Evelyn Dr  
**Certification #** E300-4589-9178



Sanborn® Library search results  
Certification # E300-4589-9178

### UNMAPPED PROPERTY

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

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

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

*The Sanborn Library LLC Since 1866™*

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**4347 Evelyn Dr**

4347 Evelyn Dr  
Olivehurst, CA 95961

Inquiry Number: 3211465.6  
November 23, 2011

## The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

***Thank you for your business.***

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## 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.

### 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.

| <u>Year</u> | <u>Source</u>         | <u>TP</u> | <u>Adjoining</u> | <u>Text Abstract</u> | <u>Source Image</u> |
|-------------|-----------------------|-----------|------------------|----------------------|---------------------|
| 2001        | Polk's City Directory | X         | X                | X                    | -                   |
| 1996        | Polk's City Directory | -         | X                | X                    | -                   |
| 1990        | Polk's City Directory | X         | X                | X                    | -                   |
| 1984        | Polk's City Directory | X         | X                | X                    | -                   |
| 1979        | Polk's City Directory | -         | -                | -                    | -                   |
| 1974        | Polk's City Directory | -         | -                | -                    | -                   |
| 1969        | Polk's City Directory | -         | -                | -                    | -                   |
| 1964        | Polk's City Directory | -         | -                | -                    | -                   |



## FINDINGS

### TARGET PROPERTY INFORMATION

#### ADDRESS

4347 Evelyn Dr  
Olivehurst, CA 95961

#### FINDINGS DETAIL

Target Property research detail.

| <u>Year</u> | <u>Uses</u> | <u>Source</u>         |
|-------------|-------------|-----------------------|
| 2001        | Residential | Polk's City Directory |
| 1990        | Residential | Polk's City Directory |
| 1984        | Residential | Polk's City Directory |

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### Evelyn Dr

##### **4342 Evelyn Dr**

| <u>Year</u> | <u>Uses</u> | <u>Source</u>         |
|-------------|-------------|-----------------------|
| 2001        | Residential | Polk's City Directory |
| 1996        | Residential | Polk's City Directory |
| 1990        | Residential | Polk's City Directory |
| 1984        | Residential | Polk's City Directory |

##### **4343 Evelyn Dr**

| <u>Year</u> | <u>Uses</u> | <u>Source</u>         |
|-------------|-------------|-----------------------|
| 2001        | Residential | Polk's City Directory |
| 1996        | Residential | Polk's City Directory |
| 1990        | Residential | Polk's City Directory |
| 1984        | Residential | Polk's City Directory |

##### **4345 Evelyn Dr**

| <u>Year</u> | <u>Uses</u> | <u>Source</u>         |
|-------------|-------------|-----------------------|
| 2001        | Residential | Polk's City Directory |
| 1990        | Residential | Polk's City Directory |
| 1984        | Residential | Polk's City Directory |

##### **4349 Evelyn Dr**

| <u>Year</u> | <u>Uses</u> | <u>Source</u>         |
|-------------|-------------|-----------------------|
| 2001        | Residential | Polk's City Directory |
| 1990        | Residential | Polk's City Directory |
| 1984        | Residential | Polk's City Directory |

##### **4351 Evelyn Dr**

| <u>Year</u> | <u>Uses</u> | <u>Source</u>         |
|-------------|-------------|-----------------------|
| 2001        | Residential | Polk's City Directory |
| 1996        | Residential | Polk's City Directory |
| 1990        | Residential | Polk's City Directory |
| 1984        | Residential | Polk's City Directory |

## FINDINGS

### 4353 Evelyn Dr

| <u>Year</u> | <u>Uses</u> | <u>Source</u>         |
|-------------|-------------|-----------------------|
| 2001        | Residential | Polk's City Directory |
| 1996        | Residential | Polk's City Directory |
| 1990        | Residential | Polk's City Directory |
| 1984        | Residential | Polk's City Directory |

## 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.

#### **Address Researched**

4347 Evelyn Dr

#### **Address Not Identified in Research Source**

1996, 1979, 1974, 1969, 1964

### **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.

#### **Address Researched**

4342 Evelyn Dr

4343 Evelyn Dr

4345 Evelyn Dr

4349 Evelyn Dr

4351 Evelyn Dr

4353 Evelyn Dr

#### **Address Not Identified in Research Source**

1979, 1974, 1969, 1964

1979, 1974, 1969, 1964

1996, 1979, 1974, 1969, 1964

1996, 1979, 1974, 1969, 1964

1979, 1974, 1969, 1964

1979, 1974, 1969, 1964

## NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 10. The horizontal datum was NAD83 (GRS1980) spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services  
NOAA, NGS12  
National Geodetic Survey  
SSMC-3, #9202  
1315 East-West Highway  
Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on this FIRM was provided in digital format by Yuba County Information Technology Division. This information was photogrammetrically compiled at a scale of 1:5000 from aerial photography dated 2007.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

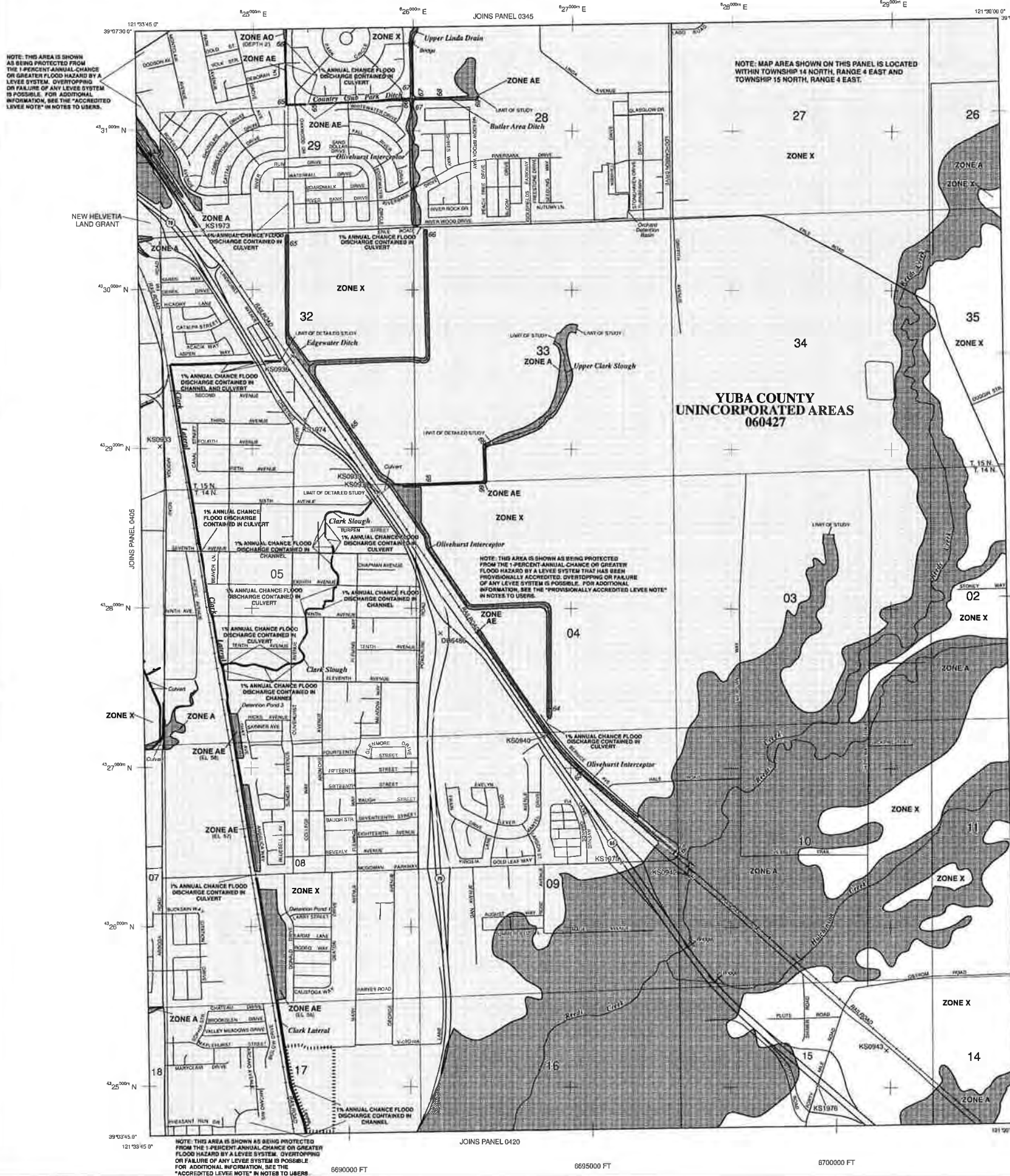
Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the FEMA Map Service Center at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.fema.gov/>.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/>.

Accredited Levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance-level) and Emergency Action Plan, on the levee system(s) shown as providing protection for area on this panel. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov/business/nfip/index.shtm>.

Provisionally Accredited Levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance-level) and Emergency Action Plan, on the levee system(s) shown as providing protection for area on this panel. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations by June 10, 2010. If the community or owner does not provide the necessary data and documentation or if the data and documentation provided indicate the levee system does not comply with Section 65.10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the levee system. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov/business/nfip/index.shtm>.



## LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
- The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, AV, V, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.
- ZONE A**  
No Base Flood Elevations determined.
- ZONE AE**  
Base Flood Elevations determined.
- ZONE AH**  
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO**  
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of structural foot flooding, velocities also determined.
- ZONE AR**  
Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently deteriorated. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE AV**  
Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V**  
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE**  
Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**
- The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS**
- ZONE X**  
Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- ZONE X**  
Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D**  
Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
- OTHERWISE PROTECTED AREAS (OPAs)**
- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- CBRS and OPA boundary**  
Boundary dividing Special Flood Hazard Areas of different base flood elevations, flood depths or flood velocities.
- Base Flood Elevation line and value, elevation in feet**  
(EL 987)  
Base Flood Elevation value where uniform within zone; elevation in feet.
- \* Referenced to the North American Vertical Datum of 1988 (NAVD 88)
- Cross section line**  
Traverse line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000-meter Universal Transverse Mercator grid ticks, zone 10
- 5000-foot grid ticks: California State Plane coordinate system, U zone (NAD83/NAZ02), Lambert Conformal Conic
- Bench mark** (see explanation in Notes to Users section of this FIRM panel)  
DX5510  
M15  
River Mile
- MAP REPOSITORIES**  
Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
February 18, 2011
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**
- For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
- To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6639.

PANEL 0410D

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**YUBA COUNTY,**  
**CALIFORNIA**  
**AND INCORPORATED AREAS**

**PANEL 410 OF 510**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)  
**CONTAINS:**  
**COMMUNITY** **NUMBER** **PANEL** **SUFFIX**  
YUBA COUNTY 060427 0410 D

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER**  
**06115C0410D**  
**EFFECTIVE DATE**  
**FEBRUARY 18, 2011**

Federal Emergency Management Agency



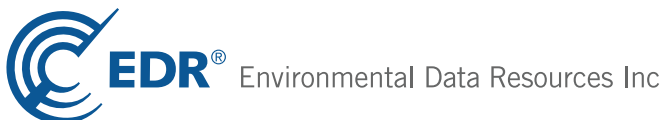
## **Appendix D**

EDR Radius Map™ Report

**4347 Evelyn Dr**  
4347 Evelyn Dr  
Olivehurst, CA 95961

Inquiry Number: 3211465.2s  
December 02, 2011

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

4347 EVELYN DR  
OLIVEHURST, CA 95961

#### COORDINATES

|                                |                             |
|--------------------------------|-----------------------------|
| Latitude (North):              | 39.082000 - 39° 4' 55.2"    |
| Longitude (West):              | 121.537000 - 121° 32' 13.2" |
| Universal Transverse Mercator: | Zone 10                     |
| UTM X (Meters):                | 626543.5                    |
| UTM Y (Meters):                | 4326687.0                   |
| Elevation:                     | 64 ft. above sea level      |

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

|                       |                         |
|-----------------------|-------------------------|
| Target Property Map:  | 39121-A5 OLIVEHURST, CA |
| Most Recent Revision: | 1973                    |

### AERIAL PHOTOGRAPHY IN THIS REPORT

|                         |            |
|-------------------------|------------|
| Portions of Photo from: | 2009, 2010 |
| 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

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***

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

### ***Federal CERCLIS NFRAP site List***

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

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS 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***

SLIC..... Statewide SLIC Cases  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

UST..... Active UST Facilities

## EXECUTIVE SUMMARY

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***

VCP..... Voluntary Cleanup Program Properties  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### **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  
ODI..... 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  
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

## EXECUTIVE SUMMARY

|                          |   |
|--------------------------|---|
| 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   |
| TRIS.....                | Toxic Chemical Release Inventory System   |
| TSCA.....                | Toxic Substances Control Act  |
| FTTS.....                | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| HIST FTTS.....           | FIFRA/TSCA Tracking System Administrative Case Listing  |
| SSTS.....                | Section 7 Tracking Systems  |
| ICIS.....                | Integrated Compliance Information System  |
| PADS.....                | PCB Activity Database System  |
| MLTS.....                | Material Licensing Tracking System  |
| RADINFO.....             | Radiation Information Database  |
| FINDS.....               | Facility Index System/Facility Registry System  |
| RAATS.....               | RCRA Administrative Action Tracking System  |
| CA BOND EXP. PLAN.....   | Bond Expenditure Plan   |
| WDS.....                 | Waste Discharge System  |
| NPDES.....               | NPDES Permits Listing   |
| Cortese.....             | "Cortese" Hazardous Waste & Substances Sites List   |
| Notify 65.....           | Proposition 65 Records  |
| DRYCLEANERS.....         | Cleaner Facilities  |
| WIP.....                 | Well Investigation Program Case List  |
| ENF.....                 | Enforcement Action Listing  |
| HAZNET.....              | Facility and Manifest Data  |
| EMI.....                 | Emissions Inventory Data  |
| INDIAN RESERV.....       | Indian Reservations   |
| SCRD DRYCLEANERS.....    | State Coalition for Remediation of Drycleaners Listing  |
| PROC.....                | Certified Processors Database   |
| FINANCIAL ASSURANCE..... | Financial Assurance Information Listing   |
| HWP.....                 | EnviroStor Permitted Facilities Listing   |
| PCB TRANSFORMER.....     | PCB Transformer Registration Database   |
| MWMP.....                | Medical Waste Management Program Listing  |
| COAL ASH DOE.....        | Sleam-Electric Plan Operation Data  |
| COAL ASH EPA.....        | Coal Combustion Residues Surface Impoundments List  |
| HWT.....                 | Registered Hazardous Waste Transporter 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.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***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 09/13/2011 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

| <u>Equal/Higher Elevation</u>                                      | <u>Address</u>           | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
|--|--------------------------|----------------------------------|---------------|-------------|
| <b>JOHNSON PARK ELEMENTARY SCHOOL</b><br>Status: No Further Action | <b>4364 LEVER AVENUE</b> | <b>SSE 1/8 - 1/4 (0.169 mi.)</b> | <b>1</b>      | <b>7</b>    |
| <b>PROPOSED LINDHURST HIGH SCHOOL</b><br>Status: No Further Action | <b>4446 OLIVE DRIVE</b>  | <b>ESE 1/4 - 1/2 (0.384 mi.)</b> | <b>6</b>      | <b>13</b>   |
| <b>YUBA GARDENS INTERMEDIATE SCHO</b><br>Status: Certified         | <b>1964 11TH AVENUE</b>  | <b>NW 1/2 - 1 (0.534 mi.)</b>    | <b>7</b>      | <b>15</b>   |
| <u>Lower Elevation</u>   | <u>Address</u>           | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
| <b>MARYSVILLE FOREST PRODUCTS</b><br>Status: Refer: RWQCB          | <b>4083 RANCHO RD</b>    | <b>ESE 1/2 - 1 (0.848 mi.)</b>   | <b>8</b>      | <b>20</b>   |

#### ***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 09/19/2011 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u>                                  | <u>Address</u>        | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
|--|-----------------------|----------------------------------|---------------|-------------|
| <b>SIERRA VIEW MEMORIAL</b><br>Status: Completed - Case Closed | <b>4900 OLIVE AVE</b> | <b>NNE 1/4 - 1/2 (0.254 mi.)</b> | <b>A4</b>     | <b>11</b>   |

## 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 09/13/2011 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u>         | <u>Address</u>           | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
|---------------------------------------|--------------------------|----------------------------------|---------------|-------------|
| <b>JOHNSON PARK ELEMENTARY SCHOOL</b> | <b>4364 LEVER AVENUE</b> | <b>SSE 1/8 - 1/4 (0.169 mi.)</b> | <b>1</b>      | <b>7</b>    |

#### ***Other Ascertainable Records***

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 [CALSTITES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

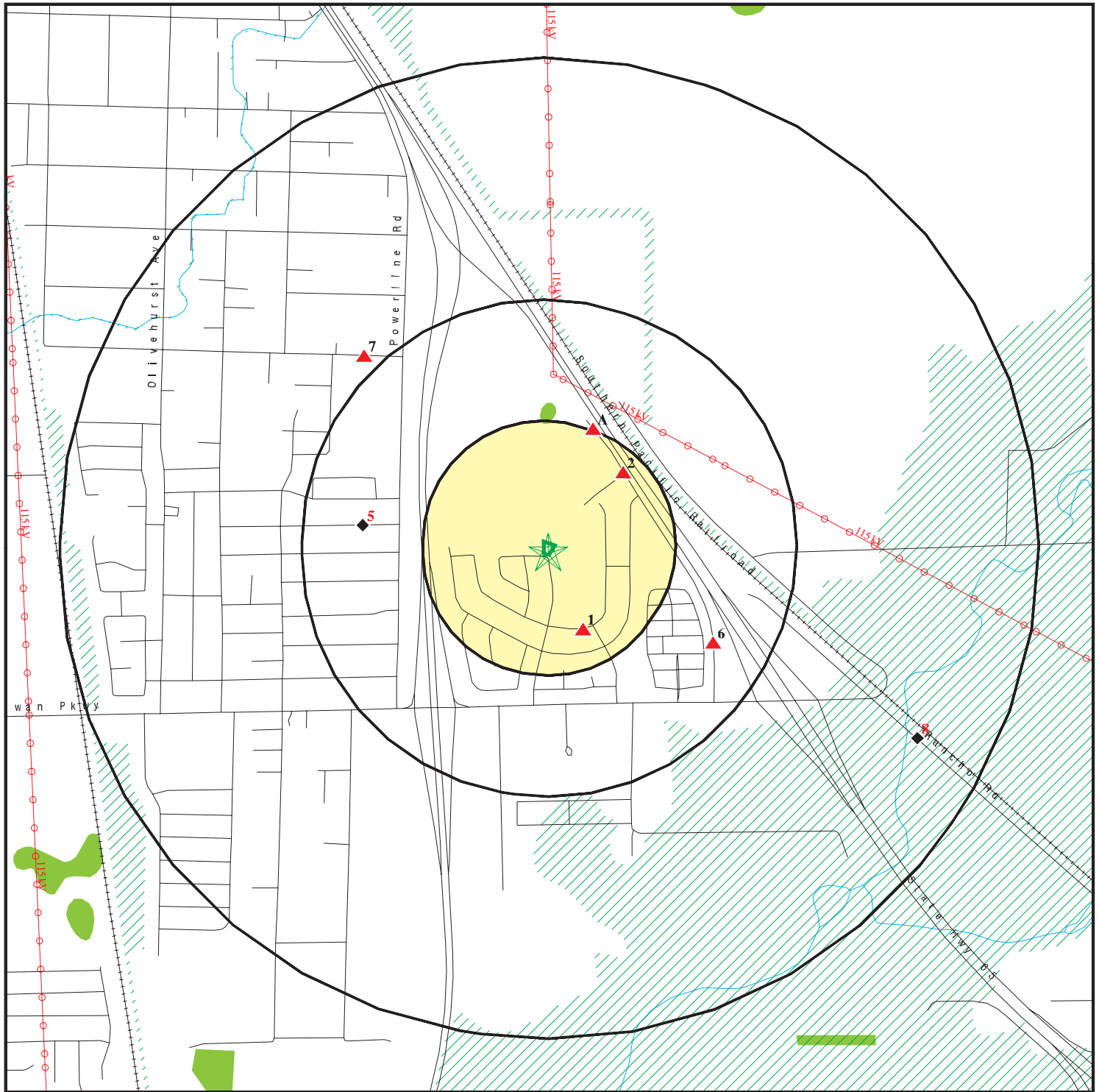
| <u>Equal/Higher Elevation</u>    | <u>Address</u>         | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
|----------------------------------|------------------------|----------------------------------|---------------|-------------|
| <b>SIERRA VIEW MEMORIAL PARK</b> | <b>4900 OLIVE AVE.</b> | <b>NNE 1/4 - 1/2 (0.254 mi.)</b> | <b>A3</b>     | <b>10</b>   |
| <u>Lower Elevation</u>           | <u>Address</u>         | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
| HALL, DENNIS A. & VIRGINI        | 1962 15TH              | W 1/4 - 1/2 (0.376 mi.)          | 5             | 12          |

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 47 records.

| Site Name                         | Database(s)                 |
|-----------------------------------|-----------------------------|
| MAYFAIR PACKING CO                | LUST SAN MATEO,HIST CORTESE |
| RIVER OAKS RANCH                  | FID,SWEEPS UST              |
| JOHL COMPANY-160                  | CUPA FRESNO                 |
| SODARO ORCHARDS                   | CUPA FRESNO                 |
| MARIANI PACKING PLANT 3           | CUPA FRESNO                 |
| CHASE NATIONAL KIWI FARM          | CUPA FRESNO                 |
| JACQUELINE MORRIS                 | CUPA FRESNO                 |
| F&L PROPERTIES LLC                | CUPA FRESNO                 |
| KHAN, MOHAMMED AND SONS           | CUPA FRESNO                 |
| LAFINCA FARM                      | CUPA FRESNO                 |
| JOHL COMPANY-056                  | CUPA FRESNO                 |
| REHERMANN RANCH                   | CUPA FRESNO                 |
| GOLDEN VALLEY FRUIT PACKING       | CUPA FRESNO                 |
| RAHUL FAMILY FARMS LP             | CUPA FRESNO                 |
| TARSEM JOHAL                      | CUPA FRESNO                 |
| W.A. BAGGETT FARMING              | CUPA FRESNO                 |
| INDERBITZEN BROTHERS FARMING      | CUPA FRESNO                 |
| FOSTER, DELBERT                   | CUPA FRESNO                 |
| WILLIAMS EQUIPMENT REPAIR         | CUPA FRESNO                 |
| JOHL ORCHARDS                     | CUPA FRESNO                 |
| MANN BROTHERS                     | CUPA FRESNO                 |
| KHERA FARMS                       | CUPA FRESNO                 |
| FRED SHAEFFER                     | CUPA FRESNO                 |
| WALLER, JAMES                     | CUPA FRESNO                 |
| KB PACKING PLANT                  | CUPA FRESNO                 |
| KALKAT BROTHERS                   | CUPA FRESNO                 |
| MOHINDER THIARA                   | CUPA FRESNO                 |
| S & L DRYERS                      | CUPA FRESNO                 |
| AT&T MOBILITY-HIGHWAY 70 MAGNOLIA | CUPA FRESNO                 |
| SPRINT NEXTEL SF03UB314           | CUPA FRESNO                 |
| SPRINT NEXTEL SF03UB352           | CUPA FRESNO                 |
| T.S. JOHAL RANCH                  | CUPA FRESNO                 |
| MUSHROOM ADVENTURES               | LF                          |
| ATWAL SITE                        | LUST SAN MATEO              |
| RIVER OAKS RANCH                  | HIST UST                    |
| 10204-A HIGHWAY 70                | AST                         |
| 10730 HIGHWAY 70                  | AST                         |
| 10850 HIGHWAY 70                  | AST                         |
| 11622 HIGHWAY 70                  | AST                         |
| 1663 HIGHWAY 20                   | AST                         |
| 8700 HIGHWAY 70                   | AST                         |
| 8915 HIGHWAY 70                   | AST                         |
| 9506 HIGHWAY 70                   | AST                         |
| 9909 HIGHWAY 70                   | AST                         |
| PACOST/ M&M FARM SUPPLY           | SLIC REGION 2               |
| RIVER OAKS WEST SCHOOL            | SCH,ENVIROSTOR              |
| YUBA SUTTER DISPOSAL              | SWRCY                       |

# OVERVIEW MAP - 3211465.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

0 1/4 1/2 1 Miles

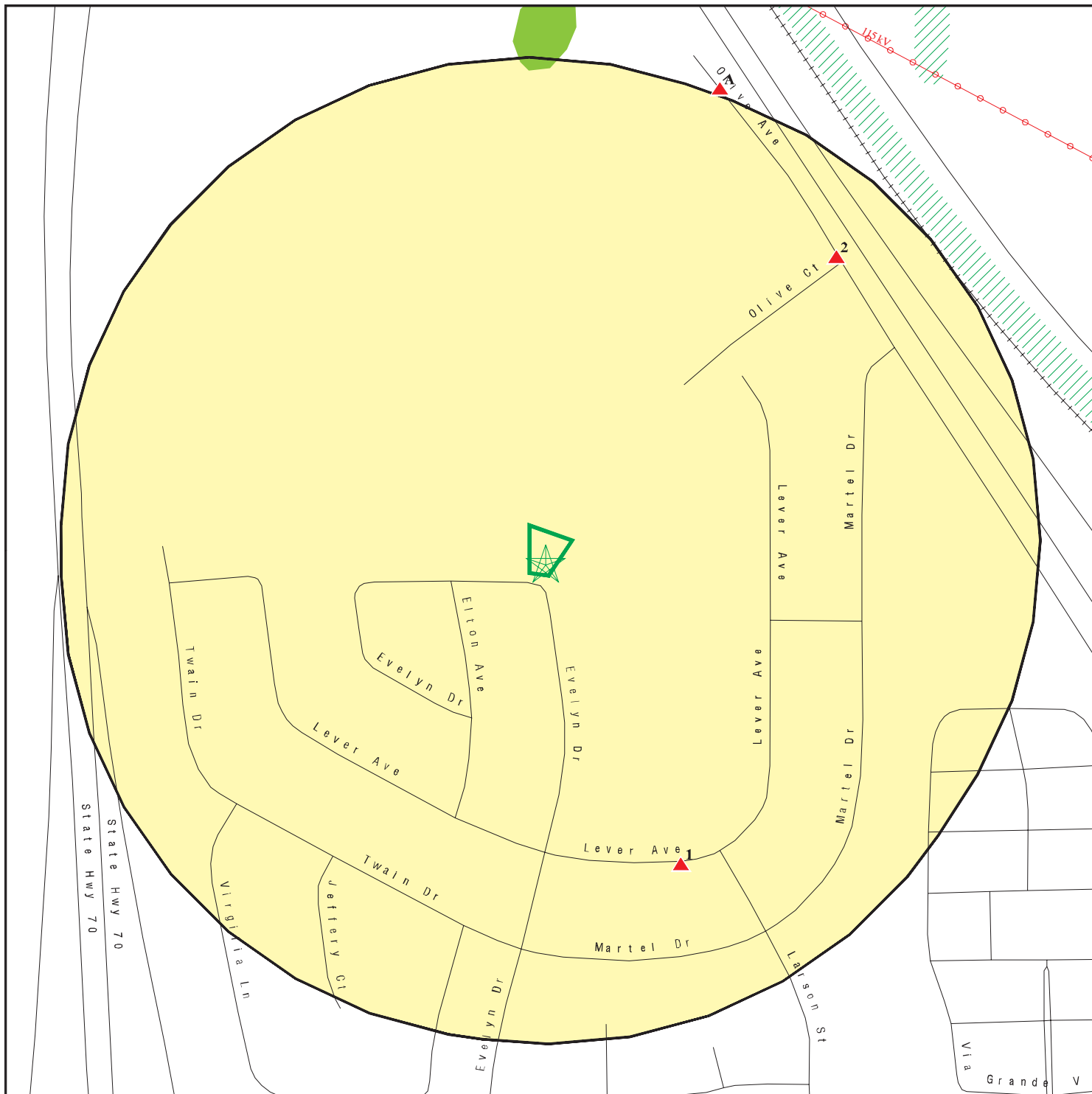
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.








SITE NAME: 4347 Evelyn Dr  
ADDRESS: 4347 Evelyn Dr  
Olivehurst CA 95961  
LAT/LONG: 39.0820 / 121.5370








CLIENT: ARCADIS U.S., Inc.  
CONTACT: Scott Hackman  
INQUIRY #: 3211465.2s  
DATE: December 02, 2011 3:03 pm



# DETAIL MAP - 3211465.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  Areas of Concern

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

SITE NAME: 4347 Evelyn Dr  
ADDRESS: 4347 Evelyn Dr  
Olivehurst CA 95961  
LAT/LONG: 39.0820 / 121.5370

CLIENT: ARCADIS U.S., Inc.  
CONTACT: Scott Hackman  
INQUIRY #: 3211465.2s  
DATE: December 02, 2011 3:04 pm

## MAP FINDINGS SUMMARY

| Database   | Target Property | Search Distance (Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-----------------|-------------------------|-------|-----------|-----------|---------|-----|---------------|
| <b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>                                   |                 |                         |       |           |           |         |     |               |
| <b><i>Federal NPL site list</i></b>  |                 |                         |       |           |           |         |     |               |
| NPL  |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| Proposed NPL   |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| NPL LIENS  | TP              |                         | NR    | NR        | NR        | NR      | NR  | 0             |
| <b><i>Federal Delisted NPL site list</i></b>                                   |                 |                         |       |           |           |         |     |               |
| Delisted NPL   |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| <b><i>Federal CERCLIS list</i></b>   |                 |                         |       |           |           |         |     |               |
| CERCLIS  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| FEDERAL FACILITY   |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| <b><i>Federal CERCLIS NFRAP site List</i></b>                                  |                 |                         |       |           |           |         |     |               |
| CERC-NFRAP   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>Federal RCRA CORRACTS facilities list</i></b>                            |                 |                         |       |           |           |         |     |               |
| CORRACTS   |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| <b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>                    |                 |                         |       |           |           |         |     |               |
| RCRA-TSDF  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>Federal RCRA generators list</i></b>                                     |                 |                         |       |           |           |         |     |               |
| RCRA-LQG   |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| RCRA-SQG   |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| RCRA-CESQG   |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| <b><i>Federal institutional controls / engineering controls registries</i></b> |                 |                         |       |           |           |         |     |               |
| US ENG CONTROLS  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| US INST CONTROL  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>Federal ERNS list</i></b>  |                 |                         |       |           |           |         |     |               |
| ERNS   | TP              |                         | NR    | NR        | NR        | NR      | NR  | 0             |
| <b><i>State- and tribal - equivalent NPL</i></b>                               |                 |                         |       |           |           |         |     |               |
| RESPONSE   |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| <b><i>State- and tribal - equivalent CERCLIS</i></b>                           |                 |                         |       |           |           |         |     |               |
| ENVIROSTOR   |                 | 1.000                   | 0     | 1         | 1         | 2       | NR  | 4             |
| <b><i>State and tribal landfill and/or solid waste disposal site lists</i></b> |                 |                         |       |           |           |         |     |               |
| SWF/LF   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>State and tribal leaking storage tank lists</i></b>                      |                 |                         |       |           |           |         |     |               |
| LUST   |                 | 0.500                   | 0     | 0         | 1         | NR      | NR  | 1             |
| SLIC   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |

## MAP FINDINGS SUMMARY

| Database  | Target Property | Search Distance (Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|-----------------|-------------------------|-------|-----------|-----------|---------|-----|---------------|
| INDIAN LUST   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>State and tribal registered storage tank lists</b>       |                 |                         |       |           |           |         |     |               |
| UST   |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| AST   |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| INDIAN UST  |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| FEMA UST  |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| <b>State and tribal voluntary cleanup sites</b>             |                 |                         |       |           |           |         |     |               |
| VCP   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| INDIAN VCP  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>ADDITIONAL ENVIRONMENTAL RECORDS</b>                     |                 |                         |       |           |           |         |     |               |
| <b>Local Brownfield lists</b>                               |                 |                         |       |           |           |         |     |               |
| US BROWNFIELDS  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>Local Lists of Landfill / Solid Waste Disposal Sites</b> |                 |                         |       |           |           |         |     |               |
| DEBRIS REGION 9   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| ODI   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| WMUDS/SWAT  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| SWRCY   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| HAULERS   |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| INDIAN ODI  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>Local Lists of Hazardous waste / Contaminated Sites</b>  |                 |                         |       |           |           |         |     |               |
| US CDL  |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| HIST Cal-Sites  |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| SCH   |                 | 0.250                   | 0     | 1         | NR        | NR      | NR  | 1             |
| Toxic Pits  |                 | 1.000                   | 0     | 0         | 0         | 0       | NR  | 0             |
| CDL   |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| US HIST CDL   |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| <b>Local Lists of Registered Storage Tanks</b>              |                 |                         |       |           |           |         |     |               |
| CA FID UST  |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| HIST UST  |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| SWEEPS UST  |                 | 0.250                   | 0     | 0         | NR        | NR      | NR  | 0             |
| <b>Local Land Records</b>                                   |                 |                         |       |           |           |         |     |               |
| LIENS 2   |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| LUCIS   |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| LIENS   |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| DEED  |                 | 0.500                   | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>Records of Emergency Release Reports</b>                 |                 |                         |       |           |           |         |     |               |
| HMIRS   |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| CHMIRS  |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |
| LDS   |                 | TP                      | NR    | NR        | NR        | NR      | NR  | 0             |

## MAP FINDINGS SUMMARY

| Database                                  | Target<br>Property | Search<br>Distance<br>(Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total<br>Plotted |
|---|--------------------|-------------------------------|-------|-----------|-----------|---------|-----|------------------|
| MCS                                       |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| <b><i>Other Ascertainable Records</i></b> |                    |                               |       |           |           |         |     |                  |
| RCRA-NonGen                               |                    | 0.250                         | 0     | 0         | NR        | NR      | NR  | 0                |
| DOT OPS                                   |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| DOD                                       |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| FUDS                                      |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| CONSENT                                   |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| ROD                                       |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| UMTRA                                     |                    | 0.500                         | 0     | 0         | 0         | NR      | NR  | 0                |
| MINES                                     |                    | 0.250                         | 0     | 0         | NR        | NR      | NR  | 0                |
| TRIS                                      |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| TSCA                                      |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| FTTS                                      |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| HIST FTTS                                 |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| SSTS                                      |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| ICIS                                      |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| PADS                                      |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| MLTS                                      |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| RADINFO                                   |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| FINDS                                     |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| RAATS                                     |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| CA BOND EXP. PLAN                         |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| WDS                                       |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| NPDES                                     |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| Cortese                                   |                    | 0.500                         | 0     | 0         | 0         | NR      | NR  | 0                |
| HIST CORTESE                              |                    | 0.500                         | 0     | 0         | 2         | NR      | NR  | 2                |
| Notify 65                                 |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| DRYCLEANERS                               |                    | 0.250                         | 0     | 0         | NR        | NR      | NR  | 0                |
| WIP                                       |                    | 0.250                         | 0     | 0         | NR        | NR      | NR  | 0                |
| ENF                                       |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| HAZNET                                    |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| EMI                                       |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| INDIAN RESERV                             |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| SCRD DRYCLEANERS                          |                    | 0.500                         | 0     | 0         | 0         | NR      | NR  | 0                |
| PROC                                      |                    | 0.500                         | 0     | 0         | 0         | NR      | NR  | 0                |
| FINANCIAL ASSURANCE                       |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| HWP                                       |                    | 1.000                         | 0     | 0         | 0         | 0       | NR  | 0                |
| PCB TRANSFORMER                           |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| MWMP                                      |                    | 0.250                         | 0     | 0         | NR        | NR      | NR  | 0                |
| COAL ASH DOE                              |                    | TP                            | NR    | NR        | NR        | NR      | NR  | 0                |
| COAL ASH EPA                              |                    | 0.500                         | 0     | 0         | 0         | NR      | NR  | 0                |
| HWT                                       |                    | 0.250                         | 0     | 0         | NR        | NR      | NR  | 0                |

### **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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
SSE  
1/8-1/4  
0.169 mi.  
894 ft.

**JOHNSON PARK ELEMENTARY SCHOOL**  
**4364 LEVER AVENUE**  
**OLIVEHURST, CA 95961**

**SCH S109422395**  
**ENVIROSTOR N/A**

**Relative:**  
**Higher**

SCH:

**Actual:**  
**64 ft.**

Facility ID: 60001059  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 7.5  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program  
Project Manager: MARY GASPARI  
Supervisor: Mark Malinowski  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 104666  
Assembly: 03  
Senate: 04  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 10/08/2009  
Restricted Use: NO  
Funding: School District  
Latitude: 39.08046  
Longitude: -121.5359  
APN: 014-446-002  
Past Use: LDF, SCHOOL - ELEMENTARY, TRANSFORMER REPAIR  
Potential COC: , 30004, 30006, 30007, 30008, 30013, 30018, 30207  
Confirmed COC: 30004-NO,30207-NO,30018-NO,30013-NO,30006-NO,30007-NO,30008-NO,31000  
Potential Description: SOIL  
Alias Name: 014-446-002  
Alias Type: APN  
Alias Name: 104666  
Alias Type: Project Code (Site Code)  
Alias Name: 60001059  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 2009-02-17 00:00:00  
Comments: DTSC received a Phase I ESA as background information.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 2009-02-17 00:00:00  
Comments: DTSC receives a Phase I Addendum as background information.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement Application  
Completed Date: 2009-04-13 00:00:00  
Comments: EOA Application

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON PARK ELEMENTARY SCHOOL (Continued)**

**S109422395**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 2009-06-04 00:00:00  
Comments: DTSC concerns have been adequately addressed and the PEA Workplan is approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 2009-10-08 00:00:00  
Comments: DTSC approved the PEA letter with a no further action determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Tech Memo  
Completed Date: 2009-07-27 00:00:00  
Comments: DTSC approved the Tech Memo with the recommendation that the two 10-foot step out locations be archived pending the results of the two 5-foot step out locations.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 2009-03-27 00:00:00  
Comments: DTSC executed EOA. Mailed 1 copy to District.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 2009-11-09 00:00:00  
Comments: DTSC sent a CRU to the accounting unit to summarize costs associated with the PEA

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

**ENVIROSTOR:**

Site Type: School Investigation  
Site Type Detailed: School  
Acres: 7.5  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: MARY GASPARI  
Supervisor: Mark Malinowski  
Division Branch: Northern California Schools & Santa Susana  
Facility ID: 60001059  
Site Code: 104666  
Assembly: 03

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON PARK ELEMENTARY SCHOOL (Continued)**

**S109422395**

Senate: 04  
Special Program: Not reported  
Status: No Further Action  
Status Date: 10/08/2009  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: School District  
Latitude: 39.08046  
Longitude: -121.5359  
APN: 014-446-002  
Past Use: LDF, SCHOOL - ELEMENTARY, TRANSFORMER REPAIR  
Potential COC: , 30004, 30006, 30007, 30008, 30013, 30018, 30207  
Confirmed COC: 30004-NO,30207-NO,30018-NO,30013-NO,30006-NO,30007-NO,30008-NO,31000  
Potential Description: SOIL  
Alias Name: 014-446-002  
Alias Type: APN  
Alias Name: 104666  
Alias Type: Project Code (Site Code)  
Alias Name: 60001059  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 2009-02-17 00:00:00  
Comments: DTSC received a Phase I ESA as background information.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 2009-02-17 00:00:00  
Comments: DTSC receives a Phase I Addendum as background information.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement Application  
Completed Date: 2009-04-13 00:00:00  
Comments: EOA Application

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 2009-06-04 00:00:00  
Comments: DTSC concerns have been adequately addressed and the PEA Workplan is approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 2009-10-08 00:00:00  
Comments: DTSC approved the PEA letter with a no further action determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Tech Memo  
Completed Date: 2009-07-27 00:00:00  
Comments: DTSC approved the Tech Memo with the recommendation that the two

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON PARK ELEMENTARY SCHOOL (Continued)**

**S109422395**

10-foot step out locations be archived pending the results of the two  
5-foot step out locations.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 2009-03-27 00:00:00  
Comments: DTSC executed EOA. Mailed 1 copy to District.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 2009-11-09 00:00:00  
Comments: DTSC sent a CRU to the accounting unit to summarize costs associated  
with the PEA

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

**2**  
**NE**  
**1/8-1/4**  
**0.207 mi.**  
**1093 ft.**

**SIERRA VIEW MEMORIAL PARK**  
**4900 OLIVE AVENUE**  
**OILVEHURST, CA 95961**

**CUPA Listings S110984288**  
**N/A**

**Relative:**  
**Higher**

CUPA YUBA:

Facility Id: HM0126  
Hazardous Materials Business Plan (HMBP) Program: True  
Underground Storage Tank Program: False  
Hazardous Waste Generator Program: True  
Quantity of hazardous waste generated monthly: Conditionally Exempt Small Quantity Generator  
Hazardous Waste Onsite Treatment Program: False  
Aboveground Storage Tank Program (Aboveground Petroleum Storage Act,APSA): False  
CA Accidental Release Prevention Program(Fed act is Risk Mgmt Plan,RMP): False

**Actual:**  
**67 ft.**

**A3**  
**NNE**  
**1/4-1/2**  
**0.254 mi.**  
**1340 ft.**

**SIERRA VIEW MEMORIAL PARK**  
**4900 OLIVE AVE.**  
**MARYSVILLE, CA 95901**

**HIST CORTESE U001616209**  
**HIST UST N/A**

**Site 1 of 2 in cluster A**

**Relative:**  
**Higher**

CORTESE:

Region: CORTESE  
Facility County Code: 58  
Reg By: LTNKA  
Reg Id: 580044

**Actual:**  
**67 ft.**

HIST UST:

Region: STATE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIERRA VIEW MEMORIAL PARK (Continued)**

**U001616209**

Facility ID: 0000058591  
Facility Type: Other  
Other Type: CEMETERY  
Total Tanks: 0001  
Contact Name: DENNIS TUCKER/MIKE ROCKS  
Telephone: 9167426957  
Owner Name: SIERRA VIEW MEMORIAL PARK  
Owner Address: 4900 OLIVE AVE.  
Owner City,St,Zip: MARYSVILLE, CA 95901

Tank Num: 001  
Container Num: 001  
Year Installed: 1983  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

**A4**  
**NNE**  
**1/4-1/2**  
**0.254 mi.**  
**1340 ft.**

**SIERRA VIEW MEMORIAL**  
**4900 OLIVE AVE**  
**MARYSVILLE, CA 95901**

**Site 2 of 2 in cluster A**

**LUST** **S105035968**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**67 ft.**

Region: STATE  
Global Id: T0611500032  
Latitude: 39.0774691  
Longitude: -121.5308027  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/29/1996  
Lead Agency: YUBA COUNTY  
Case Worker: CP  
Local Agency: YUBA COUNTY  
RB Case Number: 580044  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**LUST:**

Global Id: T0611500032  
Contact Type: Regional Board Caseworker  
Contact Name: MICHAEL KENNING  
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)  
Address: 11020 SUN CENTER DRIVE #200  
City: RANCHO CORDOVA  
Email: mkenning@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0611500032  
Contact Type: Local Agency Caseworker  
Contact Name: CLARK PICKELL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIERRA VIEW MEMORIAL (Continued)**

**S105035968**

Organization Name: YUBA COUNTY  
Address: 915 8TH STREET, SUITE 123  
City: MARYSVILLE  
Email: cpickell@co.yuba.ca.us  
Phone Number: Not reported

**LUST:**

Global Id: T0611500032  
Action Type: Other  
Date: 1950-01-01 00:00:00  
Action: Leak Reported

Global Id: T0611500032  
Action Type: Other  
Date: 1950-01-01 00:00:00  
Action: Leak Discovery

Global Id: T0611500032  
Action Type: ENFORCEMENT  
Date: 1996-08-29 00:00:00  
Action: Clean Up Fund - Closure / No Further Action Letter

Global Id: T0611500032  
Action Type: ENFORCEMENT  
Date: 1996-08-29 00:00:00  
Action: Clean Up Fund - Closure / No Further Action Letter

**LUST REG 5:**

Region: 5  
Status: Case Closed  
Case Number: 580044  
Case Type: Soil only  
Substance: GASOLINE  
Staff Initials: MK  
Lead Agency: Local  
Program: LUST  
MTBE Code: N/A

**5**  
**West**  
**1/4-1/2**  
**0.376 mi.**  
**1985 ft.**

**HALL, DENNIS A. & VIRGINI**  
**1962 15TH**  
**OLIVEHURST, CA 95961**

**HIST CORTESE** **S105025351**  
**N/A**

**Relative:**  
**Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 18  
Reg By: WBC&D  
Reg Id: 6A189101N29

**Actual:**  
**62 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

6  
ESE  
1/4-1/2  
0.384 mi.  
2026 ft.

**PROPOSED LINDHURST HIGH SCHOOL EXPANSION**  
**4446 OLIVE DRIVE**  
**OLIVEHURST, CA 95961**

**SCH S109348550**  
**ENVIROSTOR N/A**

**Relative:**  
**Higher**

SCH:

**Actual:**  
**65 ft.**

Facility ID: 60000981  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 25  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program  
Project Manager: HAROLD (BUD) DUKE  
Supervisor: Mark Malinowski  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 104651  
Assembly: 03  
Senate: 04  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 11/05/2008  
Restricted Use: NO  
Funding: School District  
Latitude: 39.0834  
Longitude: -121.5378  
APN: NONE SPECIFIED  
Past Use: NONE  
Potential COC: 30003, 30025  
Confirmed COC: NONE SPECIFIED  
Potential Description: OTH, SV  
Alias Name: 104651  
Alias Type: Project Code (Site Code)  
Alias Name: 60000981  
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: 2009-03-03 00:00:00  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 2008-11-05 00:00:00  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED LINDHURST HIGH SCHOOL EXPANSION (Continued)**

**S109348550**

Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Site Type: School Investigation  
Site Type Detailed: School  
Acres: 25  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: HAROLD (BUD) DUKE  
Supervisor: Mark Malinowski  
Division Branch: Northern California Schools & Santa Susana  
Facility ID: 60000981  
Site Code: 104651  
Assembly: 03  
Senate: 04  
Special Program: Not reported  
Status: No Further Action  
Status Date: 11/05/2008  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: School District  
Latitude: 39.0834  
Longitude: -121.5378  
APN: NONE SPECIFIED  
Past Use: NONE  
Potential COC: 30003, 30025  
Confirmed COC: NONE SPECIFIED  
Potential Description: OTH, SV  
Alias Name: 104651  
Alias Type: Project Code (Site Code)  
Alias Name: 60000981  
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: 2009-03-03 00:00:00  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 2008-11-05 00:00:00  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

7  
NW  
1/2-1  
0.534 mi.  
2821 ft.

**YUBA GARDENS INTERMEDIATE SCHOOL**  
**1964 11TH AVENUE**  
**OLIVEHURST, CA 95961**

**SCH S109348559**  
**ENVIROSTOR N/A**

**Relative:**  
**Higher**

SCH:

**Actual:**  
**64 ft.**

Facility ID: 60000961  
Site Type: School Cleanup  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 19  
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: Northern California Schools & Santa Susana  
Site Code: 104644  
Assembly: 03  
Senate: 04  
Special Program Status: Not reported  
Status: Certified  
Status Date: 07/23/2010  
Restricted Use: NO  
Funding: School District  
Latitude: 39.08671  
Longitude: -121.5441  
APN: 013-340-011  
Past Use: SCHOOL - MIDDLE  
Potential COC: 31001, 30004, 30006, 30007, 30008, 30013, 30018, 30023, 30207  
Confirmed COC: 30004,30013-NO,30006-NO,30007-NO,30008-NO,30207,30018-NO,30023,31001-NO  
Potential Description: SOIL  
Alias Name: 013-340-011  
Alias Type: APN  
Alias Name: 104644  
Alias Type: Project Code (Site Code)  
Alias Name: 60000961  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 2009-04-01 00:00:00  
Comments: 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: 2009-11-10 00:00:00  
Comments: PM prepared PEA approval letter. PEA was approved with a further action determination. COCs include OCPs around the perimeter of three existing buildings at the school that will undergo reconstruction. A removal action is planned for the site.

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YUBA GARDENS INTERMEDIATE SCHOOL (Continued)**

**S109348559**

Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 2009-12-09 00:00:00  
Comments: PM received final signed CP on 12/09/2009.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 2010-02-04 00:00:00  
Comments: District, PPS, and School Site Solutions e-mailed DTSC noting that no public comments were received on the RAW. DTSC approved the RAW for implementation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 2009-12-21 00:00:00  
Comments: Fact sheet was approved for public comment with the RAW. PCP starts Dec. 21, 2009, and goes through February 3, 2010.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 2009-12-21 00:00:00  
Comments: Final Public Notice for RAW approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 2010-06-08 00:00:00  
Comments: PM received approval e-mail back from UC and prepared and processed the final approval letter.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Partial Site Approval  
Completed Date: 2008-11-20 00:00:00  
Comments: DTSC issued partial site approval for construction on the unaffected areas of the campus. Site Figure showing unaffected areas was included with the approval. Does not allow District to go to CDE for funding.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 2010-07-23 00:00:00  
Comments: DTSC PM completed the site certification documentation. PM and UC signed signature page.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 2009-11-30 00:00:00  
Comments: Mailed fully executed SCA agreement 11/30/2009 HSA-SCA 09/10-051

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YUBA GARDENS INTERMEDIATE SCHOOL (Continued)**

**S109348559**

Completed Document Type: Correspondence  
Completed Date: 2009-09-10 00:00:00  
Comments: Project Manager was changed from Mike Hall to Neal Hutchison

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 2010-02-04 00:00:00  
Comments: No comments were recieved on the RAW. DTSC approved the RAW for implementation and will send the NOE to the State clearinghouse for processing.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 2008-08-20 00:00:00  
Comments: DTSC issued a Phase I addendum required determination via e-mail on August 20, 2008. PM will upload Phase I Addendum under separate Activity.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1 Addendum  
Completed Date: 2008-12-11 00:00:00  
Comments: DTSC approved the Phase I Addendum with PEA Required determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 4.14 Request  
Completed Date: 2008-11-14 00:00:00  
Comments: DTSC Approved the Form 4.14. Approved form mailed to CDE

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 2010-07-23 00:00:00  
Comments: PM completed CRU memo. Acting UC signed off.

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

**ENVIROSTOR:**

Site Type: School Cleanup  
Site Type Detailed: School  
Acres: 19  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: NEAL HUTCHISON  
Supervisor: Mark Malinowski



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YUBA GARDENS INTERMEDIATE SCHOOL (Continued)**

**S109348559**

Division Branch: Northern California Schools & Santa Susana  
Facility ID: 60000961  
Site Code: 104644  
Assembly: 03  
Senate: 04  
Special Program: Not reported  
Status: Certified  
Status Date: 07/23/2010  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: School District  
Latitude: 39.08671  
Longitude: -121.5441  
APN: 013-340-011  
Past Use: SCHOOL - MIDDLE  
Potential COC: 31001, 30004, 30006, 30007, 30008, 30013, 30018, 30023, 30207  
Confirmed COC: 30004,30013-NO,30006-NO,30007-NO,30008-NO,30207,30018-NO,30023,  
31001-NO  
Potential Description: SOIL  
Alias Name: 013-340-011  
Alias Type: APN  
Alias Name: 104644  
Alias Type: Project Code (Site Code)  
Alias Name: 60000961  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 2009-04-01 00:00:00  
Comments: 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: 2009-11-10 00:00:00  
Comments: PM prepared PEA approval letter. PEA was approved with a further action determination. COCs include OCPs around the perimeter of three existing buildings at the school that will undergo reconstruction. A removal action is planned for the site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 2009-12-09 00:00:00  
Comments: PM received final signed CP on 12/09/2009.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 2010-02-04 00:00:00  
Comments: District, PPS, and School Site Solutions e-mailed DTSC noting that no public comments were received on the RAW. DTSC approved the RAW for implementation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YUBA GARDENS INTERMEDIATE SCHOOL (Continued)**

**S109348559**

Completed Document Type: Fact Sheets  
Completed Date: 2009-12-21 00:00:00  
Comments: Fact sheet was approved for public comment with the RAW. PCP starts Dec. 21, 2009, and goes through February 3, 2010.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 2009-12-21 00:00:00  
Comments: Final Public Notice for RAW approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 2010-06-08 00:00:00  
Comments: PM received approval e-mail back from UC and prepared and processed the final approval letter.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Partial Site Approval  
Completed Date: 2008-11-20 00:00:00  
Comments: DTSC issued partial site approval for construction on the unaffected areas of the campus. Site Figure showing unaffected areas was included with the approval. Does not allow District to go to CDE for funding.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 2010-07-23 00:00:00  
Comments: DTSC PM completed the site certification documentation. PM and UC signed signature page.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 2009-11-30 00:00:00  
Comments: Mailed fully executed SCA agreement 11/30/2009 HSA-SCA 09/10-051

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 2009-09-10 00:00:00  
Comments: Project Manager was changed from Mike Hall to Neal Hutchison

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 2010-02-04 00:00:00  
Comments: No comments were recieved on the RAW. DTSC approved the RAW for implementation and will send the NOE to the State clearinghouse for processing.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YUBA GARDENS INTERMEDIATE SCHOOL (Continued)**

**S109348559**

Completed Date: 2008-08-20 00:00:00  
Comments: DTSC issued a Phase I addendum required determination via e-mail on August 20, 2008. PM will upload Phase I Addendum under separate Activity.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1 Addendum  
Completed Date: 2008-12-11 00:00:00  
Comments: DTSC approved the Phase I Addendum with PEA Required determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 4.14 Request  
Completed Date: 2008-11-14 00:00:00  
Comments: DTSC Approved the Form 4.14. Approved form mailed to CDE

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 2010-07-23 00:00:00  
Comments: PM completed CRU memo. Acting UC signed off.

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

**8**  
**ESE**  
**1/2-1**  
**0.848 mi.**  
**4480 ft.**  
  
**Relative:**  
**Lower**  
  
**Actual:**  
**52 ft.**

**MARYSVILLE FOREST PRODUCTS**  
**4083 RANCHO RD**  
**MARYSVILLE, CA 95901**

**RCRA-SQG** **1000596141**  
**FINDS** **CAD983601048**  
**NPDES**  
**HIST CORTESE**  
**LUST**  
**CA FID UST**  
**CUPA Listings**  
**SWEPS UST**  
**HAZNET**  
**EMI**  
**ENVIROSTOR**

RCRA-SQG:  
Date form received by agency: 08/13/1991  
Facility name: MARYSVILLE FOREST PRODUCTS INC  
Facility address: 4083 RANCHO RD  
MARYSVILLE, CA 95901  
EPA ID: CAD983601048  
Mailing address: PO BOX 2660  
MARYSVILLE, CA 95901  
Contact: SONNY BANTA  
Contact address: 4083 RANCHO RD  
MARYSVILLE, CA 95901  
Contact country: US  
Contact telephone: (916) 742-2484

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

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: MARYSVILLE FOREST PRODUCTS INC  
Owner/operator address: PO BOX 2660  
MARYSVILLE, CA 95901  
Owner/operator country: Not reported  
Owner/operator telephone: (916) 742-2484  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

Violation Status: No violations found

**FINDS:**

Registry ID: 110002857560

**Environmental Interest/Information System**

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

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

**NPDES:**

Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: Not reported  
Region: 5S  
Regulatory Measure Id: 344192  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 5S58C351644  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 04/24/2008  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 09/02/2010  
Discharge Name: David & Patricia Kubich  
Discharge Address: 11099 Mountaineer Trail  
Discharge City: Grass Valley  
Discharge State: CA  
Discharge Zip: Not reported

Npdes Number: CAS000001  
Facility Status: Terminated  
Agency Id: Not reported  
Region: 5S  
Regulatory Measure Id: 332710  
Order No: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 5S58I021181  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 09/28/2007  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 07/02/2009  
Discharge Name: BMC West Distribution  
Discharge Address: 4083 Rancho Rd  
Discharge City: Marysville  
Discharge State: CA  
Discharge Zip: Not reported

**CORTESE:**

Region: CORTESE  
Facility County Code: 58  
Reg By: LTNKA  
Reg Id: 580075

**LUST:**

Region: STATE  
Global Id: T0611500059  
Latitude: 39.075341  
Longitude: -121.517162  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 07/14/1993  
Lead Agency: YUBA COUNTY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

Case Worker: CP  
Local Agency: YUBA COUNTY  
RB Case Number: 580075  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**LUST:**

Global Id: T0611500059  
Contact Type: Regional Board Caseworker  
Contact Name: MICHAEL KENNING  
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)  
Address: 11020 SUN CENTER DRIVE #200  
City: RANCHO CORDOVA  
Email: mkenning@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0611500059  
Contact Type: Local Agency Caseworker  
Contact Name: CLARK PICKELL  
Organization Name: YUBA COUNTY  
Address: 915 8TH STREET, SUITE 123  
City: MARYSVILLE  
Email: cpickell@co.yuba.ca.us  
Phone Number: Not reported

**LUST:**

Global Id: T0611500059  
Action Type: Other  
Date: 1950-01-01 00:00:00  
Action: Leak Reported

Global Id: T0611500059  
Action Type: Other  
Date: 1950-01-01 00:00:00  
Action: Leak Discovery

**LUST REG 5:**

Region: 5  
Status: Case Closed  
Case Number: 580075  
Case Type: Soil only  
Substance: DIESEL  
Staff Initials: MK  
Lead Agency: Local  
Program: LUST  
MTBE Code: N/A

**CA FID UST:**

Facility ID: 58000141  
Regulated By: UTNKA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

Regulated ID: 00053511  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 9167422484  
Mail To: Not reported  
Mailing Address: PO BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: MARYSVILLE 95901  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**CUPA YUBA:**

Facility Id: HM0358  
Hazardous Materials Business Plan (HMBP) Program: True  
Underground Storage Tank Program: False  
Hazardous Waste Generator Program: True  
Quantity of hazardous waste generated monthly: Small Quantity Generator  
Hazardous Waste Onsite Treatment Program: False  
Aboveground Storage Tank Program (Aboveground Petroleum Storage Act,APSA): True  
CA Accidental Release Prevention Program(Fed act is Risk Mgmt Plan,RMP): False

Facility Id: HM0215  
Hazardous Materials Business Plan (HMBP) Program: True  
Underground Storage Tank Program: False  
Hazardous Waste Generator Program: True  
Quantity of hazardous waste generated monthly: Conditionally Exempt Small Quantity Generator  
Hazardous Waste Onsite Treatment Program: False  
Aboveground Storage Tank Program (Aboveground Petroleum Storage Act,APSA): False  
CA Accidental Release Prevention Program(Fed act is Risk Mgmt Plan,RMP): False

**SWEEPS UST:**

Status: Not reported  
Comp Number: 53511  
Number: Not reported  
Board Of Equalization: 44-031481  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 58-000-053511-000001  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 6  
  
Status: Not reported  
Comp Number: 53511  
Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

Board Of Equalization: 44-031481  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 58-000-053511-000002  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 53511  
Number: Not reported  
Board Of Equalization: 44-031481  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 58-000-053511-000003  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 53511  
Number: Not reported  
Board Of Equalization: 44-031481  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 58-000-053511-000004  
Actv Date: Not reported  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 53511  
Number: Not reported  
Board Of Equalization: 44-031481  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

Swrcb Tank Id: 58-000-053511-000005  
Actv Date: Not reported  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 53511  
Number: Not reported  
Board Of Equalization: 44-031481  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 58-000-053511-000006  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**HAZNET:**

Year: 2010  
Gepaid: CAL000347421  
Contact: DEANNE STEGER  
Telephone: 9162901308  
Mailing Name: Not reported  
Mailing Address: 3301 BUSINESS DR  
Mailing City,St,Zip: SACRAMENTO, CA 958202169  
Gen County: Not reported  
TSD EPA ID: CAT000646117  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)  
Tons: 0.075  
Facility County: Yuba

**EMI:**

Year: 1990  
County Code: 58  
Air Basin: SV  
Facility ID: 4  
Air District Name: FR  
SIC Code: 2421  
Air District Name: FEATHER RIVER AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 18  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 496  
NOX - Oxides of Nitrogen Tons/Yr: 30

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

|  |                    |
|--|--------------------|
| SOX - Oxides of Sulphur Tons/Yr:             | 0                  |
| Particulate Matter Tons/Yr:                  | 10                 |
| Part. Matter 10 Micrometers & Smllr Tons/Yr: | 4                  |
| Year:  | 1995               |
| County Code:                                 | 58                 |
| Air Basin:                                   | SV                 |
| Facility ID:                                 | 4                  |
| Air District Name:                           | FR                 |
| SIC Code:                                    | 2421               |
| Air District Name:                           | FEATHER RIVER AQMD |
| Community Health Air Pollution Info System:  | Not reported       |
| Consolidated Emission Reporting Rule:        | Not reported       |
| Total Organic Hydrocarbon Gases Tons/Yr:     | 15                 |
| Reactive Organic Gases Tons/Yr:              | 7                  |
| Carbon Monoxide Emissions Tons/Yr:           | 188                |
| NOX - Oxides of Nitrogen Tons/Yr:            | 6                  |
| SOX - Oxides of Sulphur Tons/Yr:             | 1                  |
| Particulate Matter Tons/Yr:                  | 13                 |
| Part. Matter 10 Micrometers & Smllr Tons/Yr: | 7                  |
| Year:  | 1996               |
| County Code:                                 | 58                 |
| Air Basin:                                   | SV                 |
| Facility ID:                                 | 4                  |
| Air District Name:                           | FR                 |
| SIC Code:                                    | 2421               |
| Air District Name:                           | FEATHER RIVER AQMD |
| Community Health Air Pollution Info System:  | Not reported       |
| Consolidated Emission Reporting Rule:        | Not reported       |
| Total Organic Hydrocarbon Gases Tons/Yr:     | 15                 |
| Reactive Organic Gases Tons/Yr:              | 7                  |
| Carbon Monoxide Emissions Tons/Yr:           | 188                |
| NOX - Oxides of Nitrogen Tons/Yr:            | 6                  |
| SOX - Oxides of Sulphur Tons/Yr:             | 1                  |
| Particulate Matter Tons/Yr:                  | 13                 |
| Part. Matter 10 Micrometers & Smllr Tons/Yr: | 7                  |
| Year:  | 1997               |
| County Code:                                 | 58                 |
| Air Basin:                                   | SV                 |
| Facility ID:                                 | 4                  |
| Air District Name:                           | FR                 |
| SIC Code:                                    | 2421               |
| Air District Name:                           | FEATHER RIVER AQMD |
| Community Health Air Pollution Info System:  | Not reported       |
| Consolidated Emission Reporting Rule:        | Not reported       |
| Total Organic Hydrocarbon Gases Tons/Yr:     | 15                 |
| Reactive Organic Gases Tons/Yr:              | 7                  |
| Carbon Monoxide Emissions Tons/Yr:           | 188                |
| NOX - Oxides of Nitrogen Tons/Yr:            | 6                  |
| SOX - Oxides of Sulphur Tons/Yr:             | 1                  |
| Particulate Matter Tons/Yr:                  | 13                 |
| Part. Matter 10 Micrometers & Smllr Tons/Yr: | 7                  |
| Year:  | 1998               |
| County Code:                                 | 58                 |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

Air Basin: SV  
Facility ID: 4  
Air District Name: FR  
SIC Code: 2421  
Air District Name: FEATHER RIVER AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 15  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 188  
NOX - Oxides of Nitrogen Tons/Yr: 6  
SOX - Oxides of Sulphur Tons/Yr: 1  
Particulate Matter Tons/Yr: 13  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 7

**ENVIROSTOR:**

Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 1  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Sacramento  
Facility ID: 58240007  
Site Code: Not reported  
Assembly: 03  
Senate: 04  
Special Program: Not reported  
Status: Refer: RWQCB  
Status Date: 05/14/1993  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 39.07527  
Longitude: -121.5169  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: 10077, 10097, 20010  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: Erickson Group Limited  
Alias Type: Alternate Name  
Alias Name: MARYSVILLE FOREST PRODUCTS  
Alias Type: Alternate Name  
Alias Name: SLT5S1343174  
Alias Type: GeoTracker Global ID  
Alias Name: T0611500059  
Alias Type: GeoTracker Global ID  
Alias Name: 58240007  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARYSVILLE FOREST PRODUCTS (Continued)**

**1000596141**

Completed Date: 1989-12-01 00:00:00  
Comments: Site Screening Done: RWQCB taking active lead; workplan submitted includes investigating maintenance shop, log decks, and dip tank area; PCP in soil between 4 & 26 ppm. RWQCB Lead Site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 1988-01-31 00:00:00  
Comments: Preliminary Assessment Done: Zone contracted Preliminary Assessment (Metcalf & Eddy). Department of Health Services (DHS) recommendation is Site Inspection (high priority) due to soil contamination. Assessor's Parcel Number: Township 14, Range 51, Section 5, 6, 7, 8, & 14.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 1987-02-05 00:00:00  
Comments: Site Screening Done: Abandoned Site Program (ASP) concerns have not been addressed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 1983-05-20 00:00:00  
Comments: Facility identified from field observation.

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

Count: 47 records.

## ORPHAN SUMMARY

| City       | EDR ID     | Site Name                    | Site Address                   | Zip   | Database(s)                 |
|------------|------------|------------------------------|--------------------------------|-------|-----------------------------|
| MARYSVILLE | A100344361 |                              | 10204-A HIGHWAY 70             | 95901 | AST                         |
| MARYSVILLE | A100344386 |                              | 10730 HIGHWAY 70               | 95901 | AST                         |
| MARYSVILLE | A100344390 |                              | 10850 HIGHWAY 70               | 95901 | AST                         |
| MARYSVILLE | A100344425 |                              | 11622 HIGHWAY 70               | 95901 | AST                         |
| MARYSVILLE | A100344612 |                              | 1663 HIGHWAY 20                | 95901 | AST                         |
| MARYSVILLE | A100345386 |                              | 8700 HIGHWAY 70                | 95901 | AST                         |
| MARYSVILLE | A100345395 |                              | 8915 HIGHWAY 70                | 95901 | AST                         |
| MARYSVILLE | A100345428 |                              | 9506 HIGHWAY 70                | 95901 | AST                         |
| MARYSVILLE | A100345445 |                              | 9909 HIGHWAY 70                | 95901 | AST                         |
| MARYSVILLE | S101628678 | RIVER OAKS RANCH             | 10850 OROVILLE HWY MARYSVI     | 95901 | FID,SWEEPS UST              |
| MARYSVILLE | S105024891 | MAYFAIR PACKING CO           | 7880 HWY 70 (AKA OROVILLE HWY) | 95901 | LUST SAN MATEO,HIST CORTESE |
| RIO OSO    | S105629036 | RIVER OAKS WEST SCHOOL       | 750 LOT CREEKSIDE SUBDIVISION/ | 95901 | SCH,ENVIROSTOR              |
| MARYSVILLE | S106486793 | PACOAOST/ M&M FARM SUPPLY    | 2209 HWY 20                    | 95901 | SLIC REGION 2               |
| MARYSVILLE | S107138368 | YUBA SUTTER DISPOSAL         | 1630 HIGHWAY 20                | 95901 | SWRCY                       |
| MARYSVILLE | S107619737 | ATWAL SITE                   | 9501 HIGHWAY 70                | 95901 | LUST SAN MATEO              |
| MARYSVILLE | S109821499 | MUSHROOM ADVENTURES          | 11107 HWY 70                   |       | LF                          |
| MARYSVILLE | S110984262 | FOSTER, DELBERT              | 8609 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984271 | LAFINCA FARM                 | 9909 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984273 | JOHL COMPANY-056             | 9274 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984283 | WILLIAMS EQUIPMENT REPAIR    | 10198 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984297 | JOHL COMPANY-160             | 8880 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984298 | SODARO ORCHARDS              | 9336-A HIGHWAY 70              | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984301 | MARIANI PACKING PLANT 3      | 11366 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984304 | CHASE NATIONAL KIWI FARM     | 10204-A HIGHWAY 70             | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984309 | JACQUELINE MORRIS            | 10721 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984315 | F&L PROPERTIES LLC           | 7964 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984317 | KHAN, MOHAMMED AND SONS      | 8900 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984371 | GOLDEN VALLEY FRUIT PACKING  | 7880 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984423 | T.S. JOHAL RANCH             | 11817 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984426 | JOHL ORCHARDS                | 11151 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984430 | MANN BROTHERS                | 9506 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984431 | KHERA FARMS                  | 10202 HIGHWAY 70 #A            | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984446 | RAHUL FAMILY FARMS LP        | 11622 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984450 | FRED SHAEFFER                | 10850 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984451 | WALLER, JAMES                | 9725 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984456 | REHERMANN RANCH              | 8700 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984457 | KB PACKING PLANT             | 10342 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984467 | TARSEM JOHAL                 | 8489 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984474 | W.A. BAGGETT FARMING         | 7605 HIGHWAY 70                | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984476 | KALKAT BROTHERS              | 10342 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984504 | MOHINDER THIARA              | 10730 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984528 | S & L DRYERS                 | 11402 HIGHWAY 70               | 95901 | CUPA FRESNO                 |
| MARYSVILLE | S110984529 | INDERBITZEN BROTHERS FARMING | 8915 HIGHWAY 70                | 95901 | CUPA FRESNO                 |

Count: 47 records.

ORPHAN SUMMARY

| City       | EDR ID     | Site Name                         | Site Address                  | Zip   | Database(s) |
|------------|------------|-----------------------------------|-------------------------------|-------|-------------|
| MARYSVILLE | S110984541 | AT&T MOBILITY-HIGHWAY 70 MAGNOLIA | 10120 HIGHWAY 70              | 95901 | CUPA FRESNO |
| MARYSVILLE | S110984545 | SPRINT NEXTEL SF03UB314           | 11817 HIGHWAY 70              | 95901 | CUPA FRESNO |
| MARYSVILLE | S110984546 | SPRINT NEXTEL SF03UB352           | 8900 HIGHWAY 70               | 95901 | CUPA FRESNO |
| MARYSVILLE | U001616200 | RIVER OAKS RANCH                  | 10850 OROVILLE HWY MARYSVILLE | 95901 | HIST UST    |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## 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: 06/30/2011  | Source: EPA                            |
| Date Data Arrived at EDR: 07/12/2011    | Telephone: N/A                         |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 10/12/2011           |
| Number of Days to Update: 79            | Next Scheduled EDR Contact: 01/23/2012 |
|   | 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: 06/30/2011  | Source: EPA                            |
| Date Data Arrived at EDR: 07/12/2011    | Telephone: N/A                         |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 10/12/2011           |
| Number of Days to Update: 79            | Next Scheduled EDR Contact: 01/23/2012 |
|   | 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: 08/15/2011              |
| Number of Days to Update: 56            | Next Scheduled EDR Contact: 11/28/2011    |
|   | Data Release Frequency: No Update Planned |

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ***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: 06/30/2011  | Source: EPA                            |
| Date Data Arrived at EDR: 07/12/2011    | Telephone: N/A                         |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 10/12/2011           |
| Number of Days to Update: 79            | Next Scheduled EDR Contact: 01/23/2012 |
|   | Data Release Frequency: Quarterly      |

### ***Federal CERCLIS list***

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

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

|   |  |
|---|--|
| Date of Government Version: 02/25/2011  | Source: EPA                            |
| Date Data Arrived at EDR: 03/01/2011    | Telephone: 703-412-9810                |
| Date Made Active in Reports: 05/02/2011 | Last EDR Contact: 11/29/2011           |
| Number of Days to Update: 62            | Next Scheduled EDR Contact: 03/12/2012 |
|   | Data Release Frequency: Quarterly      |

#### FEDERAL FACILITY: Federal Facility Site Information listing

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

|   |   |
|---|---|
| Date of Government Version: 12/10/2010  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/11/2011    | Telephone: 703-603-8704                 |
| Date Made Active in Reports: 02/16/2011 | Last EDR Contact: 10/14/2011            |
| Number of Days to Update: 36            | Next Scheduled EDR Contact: 01/23/2012  |
|   | Data Release Frequency: Varies          |

### ***Federal CERCLIS NFRAP site List***

#### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

|   |  |
|---|--|
| Date of Government Version: 02/25/2011  | Source: EPA                            |
| Date Data Arrived at EDR: 03/01/2011    | Telephone: 703-412-9810                |
| Date Made Active in Reports: 05/02/2011 | Last EDR Contact: 11/29/2011           |
| Number of Days to Update: 62            | Next Scheduled EDR Contact: 03/12/2012 |
|   | Data Release Frequency: Quarterly      |

### ***Federal RCRA CORRACTS facilities list***

#### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2011  
Date Data Arrived at EDR: 03/15/2011  
Date Made Active in Reports: 06/14/2011  
Number of Days to Update: 91

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Quarterly

### ***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: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/05/2011  
Next Scheduled EDR Contact: 01/16/2012  
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: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/05/2011  
Next Scheduled EDR Contact: 01/16/2012  
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: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/05/2011  
Next Scheduled EDR Contact: 01/16/2012  
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: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/05/2011  
Next Scheduled EDR Contact: 01/16/2012  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 03/16/2011  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/25/2011    | Telephone: 703-603-0695                 |
| Date Made Active in Reports: 06/14/2011 | Last EDR Contact: 09/12/2011            |
| Number of Days to Update: 81            | Next Scheduled EDR Contact: 12/26/2011  |
|   | Data Release Frequency: Varies          |

### **US INST CONTROL: Sites with Institutional Controls**

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

|   |   |
|---|---|
| Date of Government Version: 03/16/2011  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/25/2011    | Telephone: 703-603-0695                 |
| Date Made Active in Reports: 06/14/2011 | Last EDR Contact: 09/12/2011            |
| Number of Days to Update: 81            | Next Scheduled EDR Contact: 12/26/2011  |
|   | 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: 10/03/2011  | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 10/04/2011    | Telephone: 202-267-2180                                     |
| Date Made Active in Reports: 11/11/2011 | Last EDR Contact: 10/04/2011                                |
| Number of Days to Update: 38            | Next Scheduled EDR Contact: 01/16/2012                      |
|   | 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: 09/13/2011  | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 09/15/2011    | Telephone: 916-323-3400                        |
| Date Made Active in Reports: 10/24/2011 | Last EDR Contact: 11/08/2011                   |
| Number of Days to Update: 39            | Next Scheduled EDR Contact: 02/20/2012         |
|   | 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/2011  
Date Data Arrived at EDR: 09/15/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 39

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/08/2011  
Next Scheduled EDR Contact: 02/20/2012  
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: 08/22/2011  
Date Data Arrived at EDR: 08/24/2011  
Date Made Active in Reports: 10/03/2011  
Number of Days to Update: 40

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 11/22/2011  
Next Scheduled EDR Contact: 03/05/2012  
Data Release Frequency: Quarterly

### ***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.

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 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: No Update Planned

#### **LUST REG 6V: Leaking Underground Storage Tank Case Listing**

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

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

#### **LUST REG 6L: Leaking Underground Storage Tank Case Listing**

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

Date of Government Version: 09/09/2003  
Date Data Arrived at EDR: 09/10/2003  
Date Made Active in Reports: 10/07/2003  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

#### **LUST REG 5: Leaking Underground Storage Tank Database**

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Quarterly

### LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

### LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

### LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

### LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 09/19/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 34

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 11/10/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### 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: 09/19/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 34

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 11/10/2011  
Next Scheduled EDR Contact: 01/02/2012  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### SLIC REG 7: SLIC List

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: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

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

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

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

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/02/2011  
Date Data Arrived at EDR: 11/04/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 7

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 10/01/2011  
Date Data Arrived at EDR: 11/01/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 10

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/01/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011  
Date Data Arrived at EDR: 08/19/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 25

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

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

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 59

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 08/11/2011  
Date Data Arrived at EDR: 08/12/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 32

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 01/31/2011  
Date Data Arrived at EDR: 02/01/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 48

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/16/2011  
Date Data Arrived at EDR: 06/02/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 103

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

***State and tribal registered storage tank lists***

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

|   |  |
|---|--|
| Date of Government Version: 09/19/2011  | Source: SWRCB                          |
| Date Data Arrived at EDR: 09/20/2011    | Telephone: 916-480-1028                |
| Date Made Active in Reports: 10/19/2011 | Last EDR Contact: 11/10/2011           |
| Number of Days to Update: 29            | Next Scheduled EDR Contact: 01/02/2012 |
|   | Data Release Frequency: Semi-Annually  |

### AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

|   |   |
|---|---|
| Date of Government Version: 08/01/2009  | Source: State Water Resources Control Board |
| Date Data Arrived at EDR: 09/10/2009    | Telephone: 916-341-5712                     |
| Date Made Active in Reports: 10/01/2009 | Last EDR Contact: 10/11/2011                |
| Number of Days to Update: 21            | Next Scheduled EDR Contact: 01/23/2012      |
|   | Data Release Frequency: Quarterly           |

### INDIAN UST R10: 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 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

|   |  |
|---|--|
| Date of Government Version: 11/02/2011  | Source: EPA Region 10                  |
| Date Data Arrived at EDR: 11/04/2011    | Telephone: 206-553-2857                |
| Date Made Active in Reports: 11/11/2011 | Last EDR Contact: 10/31/2011           |
| Number of Days to Update: 7             | Next Scheduled EDR Contact: 02/13/2012 |
|   | Data Release Frequency: Quarterly      |

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

|   |  |
|---|--|
| Date of Government Version: 08/04/2011  | Source: EPA Region 9                   |
| Date Data Arrived at EDR: 08/05/2011    | Telephone: 415-972-3368                |
| Date Made Active in Reports: 09/13/2011 | Last EDR Contact: 10/31/2011           |
| Number of Days to Update: 39            | Next Scheduled EDR Contact: 02/13/2012 |
|   | Data Release Frequency: Quarterly      |

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

|   |  |
|---|--|
| Date of Government Version: 08/18/2011  | Source: EPA Region 8                   |
| Date Data Arrived at EDR: 08/19/2011    | Telephone: 303-312-6137                |
| Date Made Active in Reports: 09/13/2011 | Last EDR Contact: 10/31/2011           |
| Number of Days to Update: 25            | Next Scheduled EDR Contact: 02/13/2012 |
|   | 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: 04/01/2011  | Source: EPA Region 7                   |
| Date Data Arrived at EDR: 06/01/2011    | Telephone: 913-551-7003                |
| Date Made Active in Reports: 06/14/2011 | Last EDR Contact: 10/31/2011           |
| Number of Days to Update: 13            | Next Scheduled EDR Contact: 02/13/2012 |
|   | Data Release Frequency: Varies         |

### INDIAN UST R6: Underground Storage Tanks on Indian Land

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2011  
Date Data Arrived at EDR: 05/11/2011  
Date Made Active in Reports: 06/14/2011  
Number of Days to Update: 34

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 07/01/2011  
Date Data Arrived at EDR: 08/26/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 18

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 08/11/2011  
Date Data Arrived at EDR: 08/12/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 32

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 10/01/2011  
Date Data Arrived at EDR: 11/01/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 10

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 10/17/2011  
Next Scheduled EDR Contact: 01/30/2012  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/2011  
Date Data Arrived at EDR: 09/15/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 39

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/08/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Quarterly

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011  
Date Data Arrived at EDR: 10/04/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 38

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 10/04/2011  
Next Scheduled EDR Contact: 01/16/2012  
Data Release Frequency: Varies

### 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.

Date of Government Version: 06/27/2011  
Date Data Arrived at EDR: 06/27/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/28/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Semi-Annually

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

##### ODI: Open Dump Inventory

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

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

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

##### 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  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## 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: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: No Update Planned

### SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 34

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/20/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/14/2011  
Date Data Arrived at EDR: 09/15/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 39

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 11/21/2011  
Next Scheduled EDR Contact: 03/05/2012  
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: 11/07/2011  
Next Scheduled EDR Contact: 02/20/2012  
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: 06/08/2011  
Date Data Arrived at EDR: 09/16/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 13

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/07/2011  
Next Scheduled EDR Contact: 12/19/2011  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

### SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 09/13/2011  
Date Data Arrived at EDR: 09/15/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 39

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/08/2011  
Next Scheduled EDR Contact: 02/20/2012  
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: 06/30/2011  
Date Data Arrived at EDR: 08/11/2011  
Date Made Active in Reports: 09/09/2011  
Number of Days to Update: 29

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 10/03/2011  
Next Scheduled EDR Contact: 01/16/2012  
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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 09/06/2011           |
| Number of Days to Update: 8             | Next Scheduled EDR Contact: 12/19/2011 |
|   | 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: 09/09/2011  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/16/2011    | Telephone: 202-564-6023                 |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 10/31/2011            |
| Number of Days to Update: 13            | Next Scheduled EDR Contact: 02/13/2012  |
|   | 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: 11/22/2011           |
| Number of Days to Update: 31            | Next Scheduled EDR Contact: 03/05/2012 |
|   | 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: 09/19/2011  | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 09/20/2011    | Telephone: 916-323-3400                        |
| Date Made Active in Reports: 10/24/2011 | Last EDR Contact: 09/12/2011                   |
| Number of Days to Update: 34            | Next Scheduled EDR Contact: 12/26/2011         |
|   | Data Release Frequency: Varies                 |

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 24

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 09/13/2011  
Next Scheduled EDR Contact: 12/26/2011  
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: 10/04/2011  
Date Data Arrived at EDR: 10/04/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 38

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/04/2011  
Next Scheduled EDR Contact: 01/16/2012  
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: 12/31/2010  
Date Data Arrived at EDR: 05/03/2011  
Date Made Active in Reports: 06/15/2011  
Number of Days to Update: 43

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 09/19/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 34

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 11/10/2011  
Next Scheduled EDR Contact: 01/02/2012  
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: 09/19/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 34

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 11/10/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### **Other Ascertainable Records**

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 06/15/2011  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/07/2011    | Telephone: (415) 495-8895               |
| Date Made Active in Reports: 08/08/2011 | Last EDR Contact: 10/05/2011            |
| Number of Days to Update: 32            | Next Scheduled EDR Contact: 01/16/2012  |
|   | Data Release Frequency: Varies          |

### DOT OPS: Incident and Accident Data

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

|   |   |
|---|---|
| Date of Government Version: 07/29/2011  | Source: Department of Transportation, Office of Pipeline Safety |
| Date Data Arrived at EDR: 08/09/2011    | Telephone: 202-366-4595   |
| Date Made Active in Reports: 11/11/2011 | Last EDR Contact: 11/08/2011                                    |
| Number of Days to Update: 94            | Next Scheduled EDR Contact: 02/20/2012                          |
|   | 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: 10/20/2011           |
| Number of Days to Update: 62            | Next Scheduled EDR Contact: 01/30/2012 |
|   | 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: 12/31/2009  | Source: U.S. Army Corps of Engineers   |
| Date Data Arrived at EDR: 08/12/2010    | Telephone: 202-528-4285                |
| Date Made Active in Reports: 12/02/2010 | Last EDR Contact: 09/12/2011           |
| Number of Days to Update: 112           | Next Scheduled EDR Contact: 12/26/2011 |
|   | 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: 06/01/2011  | Source: Department of Justice, Consent Decree Library |
| Date Data Arrived at EDR: 08/19/2011    | Telephone: Varies                                     |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 10/03/2011                          |
| Number of Days to Update: 41            | Next Scheduled EDR Contact: 01/16/2012                |
|   | 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: 07/31/2011  | Source: EPA                            |
| Date Data Arrived at EDR: 09/14/2011    | Telephone: 703-416-0223                |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 09/14/2011           |
| Number of Days to Update: 15            | Next Scheduled EDR Contact: 12/26/2011 |
|   | Data Release Frequency: Annually       |

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UMTRA: Uranium Mill Tailings Sites

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

|   |  |
|---|--|
| Date of Government Version: 09/14/2010  | Source: Department of Energy           |
| Date Data Arrived at EDR: 10/21/2010    | Telephone: 505-845-0011                |
| Date Made Active in Reports: 01/28/2011 | Last EDR Contact: 11/29/2011           |
| Number of Days to Update: 99            | Next Scheduled EDR Contact: 03/12/2012 |
|   | 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: 08/18/2011  | Source: Department of Labor, Mine Safety and Health Administration |
| Date Data Arrived at EDR: 09/08/2011    | Telephone: 303-231-5959  |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 09/08/2011                                       |
| Number of Days to Update: 21            | Next Scheduled EDR Contact: 12/19/2011                             |
|   | Data Release Frequency: Semi-Annually                              |

### TRIS: Toxic Chemical Release Inventory System

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

|   |  |
|---|--|
| Date of Government Version: 12/31/2009  | Source: EPA                            |
| Date Data Arrived at EDR: 12/17/2010    | Telephone: 202-566-0250                |
| Date Made Active in Reports: 03/21/2011 | Last EDR Contact: 12/02/2011           |
| Number of Days to Update: 94            | Next Scheduled EDR Contact: 03/12/2012 |
|   | Data Release Frequency: Annually       |

### TSCA: Toxic Substances Control Act

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

|   |  |
|---|--|
| Date of Government Version: 12/31/2006  | Source: EPA                            |
| Date Data Arrived at EDR: 09/29/2010    | Telephone: 202-260-5521                |
| Date Made Active in Reports: 12/02/2010 | Last EDR Contact: 09/27/2011           |
| Number of Days to Update: 64            | Next Scheduled EDR Contact: 01/09/2012 |
|   | Data Release Frequency: Every 4 Years  |

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

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

|   |   |
|---|---|
| Date of Government Version: 04/09/2009  | Source: EPA/Office of Prevention, Pesticides and Toxic Substances |
| Date Data Arrived at EDR: 04/16/2009    | Telephone: 202-566-1667   |
| Date Made Active in Reports: 05/11/2009 | Last EDR Contact: 11/28/2011                                      |
| Number of Days to Update: 25            | Next Scheduled EDR Contact: 03/12/2012                            |
|   | Data Release Frequency: Quarterly                                 |

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

|   |  |
|---|--|
| Date of Government Version: 04/09/2009  | Source: EPA                            |
| Date Data Arrived at EDR: 04/16/2009    | Telephone: 202-566-1667                |
| Date Made Active in Reports: 05/11/2009 | Last EDR Contact: 11/28/2011           |
| Number of Days to Update: 25            | Next Scheduled EDR Contact: 03/12/2012 |
|   | Data Release Frequency: Quarterly      |



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

### SSTS: Section 7 Tracking Systems

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

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

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 01/07/2011  
Date Data Arrived at EDR: 01/21/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010  
Date Data Arrived at EDR: 11/10/2010  
Date Made Active in Reports: 02/16/2011  
Number of Days to Update: 98

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 10/19/2011  
Next Scheduled EDR Contact: 01/30/2012  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MLTS: Material Licensing Tracking System

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

|   |  |
|---|--|
| Date of Government Version: 06/21/2011  | Source: Nuclear Regulatory Commission  |
| Date Data Arrived at EDR: 07/15/2011    | Telephone: 301-415-7169                |
| Date Made Active in Reports: 09/13/2011 | Last EDR Contact: 09/12/2011           |
| Number of Days to Update: 60            | Next Scheduled EDR Contact: 12/26/2011 |
|   | Data Release Frequency: Quarterly      |

### RADINFO: Radiation Information Database

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

|   |   |
|---|---|
| Date of Government Version: 01/11/2011  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/13/2011    | Telephone: 202-343-9775                 |
| Date Made Active in Reports: 02/16/2011 | Last EDR Contact: 10/13/2011            |
| Number of Days to Update: 34            | Next Scheduled EDR Contact: 01/23/2012  |
|   | 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  | Source: EPA                            |
| Date Data Arrived at EDR: 04/16/2010    | Telephone: (415) 947-8000              |
| Date Made Active in Reports: 05/27/2010 | Last EDR Contact: 09/13/2011           |
| Number of Days to Update: 41            | Next Scheduled EDR Contact: 12/26/2011 |
|   | Data Release Frequency: Quarterly      |

### RAATS: RCRA Administrative Action Tracking System

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

|   |   |
|---|---|
| Date of Government Version: 04/17/1995  | Source: EPA                               |
| Date Data Arrived at EDR: 07/03/1995    | Telephone: 202-564-4104                   |
| Date Made Active in Reports: 08/07/1995 | Last EDR Contact: 06/02/2008              |
| 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: 12/31/2009  | Source: EPA/NTIS                       |
| Date Data Arrived at EDR: 03/01/2011    | Telephone: 800-424-9346                |
| Date Made Active in Reports: 05/02/2011 | Last EDR Contact: 11/30/2011           |
| Number of Days to Update: 62            | Next Scheduled EDR Contact: 03/12/2012 |
|   | Data Release Frequency: Biennially     |

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
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

### 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: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Quarterly

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/23/2011  
Date Data Arrived at EDR: 08/24/2011  
Date Made Active in Reports: 10/03/2011  
Number of Days to Update: 40

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 11/22/2011  
Next Scheduled EDR Contact: 03/05/2012  
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: 10/03/2011  
Date Data Arrived at EDR: 10/04/2011  
Date Made Active in Reports: 10/25/2011  
Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/2011  
Next Scheduled EDR Contact: 01/16/2012  
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

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993  
Date Data Arrived at EDR: 11/01/1993  
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: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 06/28/2011  
Date Data Arrived at EDR: 07/21/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
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: 10/03/2011  
Next Scheduled EDR Contact: 01/16/2012  
Data Release Frequency: Varies

### ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 10/03/2011  
Number of Days to Update: 41

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 11/30/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 12/31/2010  
Date Data Arrived at EDR: 07/19/2011  
Date Made Active in Reports: 08/16/2011  
Number of Days to Update: 28

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 10/17/2011  
Next Scheduled EDR Contact: 01/30/2012  
Data Release Frequency: Annually

### EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 10/18/2010  
Number of Days to Update: 19

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 09/30/2011  
Next Scheduled EDR Contact: 01/09/2012  
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: 10/20/2011  
Next Scheduled EDR Contact: 01/30/2012  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 10/24/2011  
Next Scheduled EDR Contact: 02/06/2012  
Data Release Frequency: Varies

### PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 34

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/20/2011  
Next Scheduled EDR Contact: 01/02/2012  
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: 09/09/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/10/2011  
Number of Days to Update: 27

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
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: 10/18/2011  
Next Scheduled EDR Contact: 01/30/2012  
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: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/16/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Varies

### 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: 10/20/2011  
Date Data Arrived at EDR: 10/21/2011  
Date Made Active in Reports: 11/08/2011  
Number of Days to Update: 18

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 10/21/2011  
Next Scheduled EDR Contact: 01/30/2012  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/09/2010  
Date Data Arrived at EDR: 08/11/2010  
Date Made Active in Reports: 08/20/2010  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 12/02/2011  
Next Scheduled EDR Contact: 03/12/2012  
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.

Date of Government Version: 09/14/2011  
Date Data Arrived at EDR: 09/16/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 38

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 11/21/2011  
Next Scheduled EDR Contact: 03/05/2012  
Data Release Frequency: Varies

### FINANCIAL ASSURANCE 1: 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: 11/04/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

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: 10/20/2011  
Next Scheduled EDR Contact: 01/30/2012  
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: 11/04/2011  
Next Scheduled EDR Contact: 02/13/2012  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/10/2011  
Date Data Arrived at EDR: 10/11/2011  
Date Made Active in Reports: 11/09/2011  
Number of Days to Update: 29

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/03/2011  
Next Scheduled EDR Contact: 01/16/2012  
Data Release Frequency: Semi-Annually

##### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2011  
Date Data Arrived at EDR: 10/11/2011  
Date Made Active in Reports: 11/14/2011  
Number of Days to Update: 34

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/03/2011  
Next Scheduled EDR Contact: 01/16/2012  
Data Release Frequency: Semi-Annually

#### BUTTE COUNTY:

##### CUPA Facility Listing

Cupa facility list.

Date of Government Version: 03/29/2011  
Date Data Arrived at EDR: 04/20/2011  
Date Made Active in Reports: 05/17/2011  
Number of Days to Update: 27

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 01/30/2012  
Data Release Frequency: Varies

#### COLUSA COUNTY:

##### CUPA Facility List

Cupa facility list.

Date of Government Version: 12/01/2010  
Date Data Arrived at EDR: 04/20/2011  
Date Made Active in Reports: 05/17/2011  
Number of Days to Update: 27

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Varies

#### CONTRA COSTA COUNTY:

##### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 19

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 11/07/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Semi-Annually

### EL DORADO COUNTY:

#### CUPA Facility List CUPA facility list.

Date of Government Version: 09/09/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/03/2011  
Number of Days to Update: 24

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 11/21/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Varies

### 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: 10/17/2011  
Date Data Arrived at EDR: 10/18/2011  
Date Made Active in Reports: 11/08/2011  
Number of Days to Update: 21

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 10/17/2011  
Next Scheduled EDR Contact: 01/30/2012  
Data Release Frequency: Semi-Annually

### HUMBOLDT COUNTY:

#### CUPA Facility List CUPA facility list.

Date of Government Version: 02/08/2011  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Varies

### INYO COUNTY:

#### CUPA Facility List Cupa facility list.

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/03/2011  
Number of Days to Update: 20

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Varies

### KERN COUNTY:



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 02/27/2012  
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: 06/09/2011  
Date Data Arrived at EDR: 06/09/2011  
Date Made Active in Reports: 07/08/2011  
Number of Days to Update: 29

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
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: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

#### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/28/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 24

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 10/17/2011  
Next Scheduled EDR Contact: 01/30/2012  
Data Release Frequency: Semi-Annually

#### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/24/2011  
Date Data Arrived at EDR: 10/25/2011  
Date Made Active in Reports: 11/22/2011  
Number of Days to Update: 28

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 10/25/2011  
Next Scheduled EDR Contact: 11/07/2011  
Data Release Frequency: Varies

#### 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: 11/17/2011  
Next Scheduled EDR Contact: 03/05/2012  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Site Mitigation List

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

|   |  |
|---|--|
| Date of Government Version: 02/09/2011  | Source: Community Health Services      |
| Date Data Arrived at EDR: 02/09/2011    | Telephone: 323-890-7806                |
| Date Made Active in Reports: 03/04/2011 | Last EDR Contact: 10/24/2011           |
| Number of Days to Update: 23            | Next Scheduled EDR Contact: 02/06/2012 |
|   | Data Release Frequency: Annually       |

### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

|   |  |
|---|--|
| Date of Government Version: 02/03/2011  | Source: City of El Segundo Fire Department |
| Date Data Arrived at EDR: 02/08/2011    | Telephone: 310-524-2236                    |
| Date Made Active in Reports: 03/03/2011 | Last EDR Contact: 10/24/2011               |
| Number of Days to Update: 23            | Next Scheduled EDR Contact: 02/06/2012     |
|   | Data Release Frequency: Semi-Annually      |

### City of Long Beach Underground Storage Tank

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

|   |  |
|---|--|
| Date of Government Version: 03/28/2003  | Source: City of Long Beach Fire Department |
| Date Data Arrived at EDR: 10/23/2003    | Telephone: 562-570-2563                    |
| Date Made Active in Reports: 11/26/2003 | Last EDR Contact: 10/31/2011               |
| Number of Days to Update: 34            | Next Scheduled EDR Contact: 02/13/2012     |
|   | Data Release Frequency: Annually           |

### City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

|   |  |
|---|--|
| Date of Government Version: 10/17/2011  | Source: City of Torrance Fire Department |
| Date Data Arrived at EDR: 10/19/2011    | Telephone: 310-618-2973                  |
| Date Made Active in Reports: 11/14/2011 | Last EDR Contact: 10/17/2011             |
| Number of Days to Update: 26            | Next Scheduled EDR Contact: 01/30/2012   |
|   | 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: 09/13/2011  | Source: Madera County Environmental Health |
| Date Data Arrived at EDR: 09/13/2011    | Telephone: 559-675-7823                    |
| Date Made Active in Reports: 10/04/2011 | Last EDR Contact: 11/28/2011               |
| Number of Days to Update: 21            | Next Scheduled EDR Contact: 03/12/2012     |
|   | Data Release Frequency: Varies             |

### MARIN COUNTY:

#### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

|   |  |
|---|--|
| Date of Government Version: 10/17/2011  | Source: Public Works Department Waste Management |
| Date Data Arrived at EDR: 10/25/2011    | Telephone: 415-499-6647                          |
| Date Made Active in Reports: 11/14/2011 | Last EDR Contact: 10/11/2011                     |
| Number of Days to Update: 20            | Next Scheduled EDR Contact: 01/23/2012           |
|   | Data Release Frequency: Semi-Annually            |

### MERCED COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

CUPA facility list.

Date of Government Version: 09/23/2011  
Date Data Arrived at EDR: 09/23/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 31

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Varies

### MONTEREY COUNTY:

#### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/19/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 34

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
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: 07/09/2008  
Date Data Arrived at EDR: 07/09/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 22

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
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  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

### NEVADA COUNTY:

#### CUPA Facility List

CUPA facility list.

Date of Government Version: 08/22/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 27

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 11/21/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Varies

### ORANGE COUNTY:

#### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 27

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/02/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 10/03/2011  
Number of Days to Update: 41

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 09/16/2011  
Number of Days to Update: 24

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Quarterly

### PLACER COUNTY:

#### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/18/2011  
Number of Days to Update: 35

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
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: 10/20/2011  
Date Data Arrived at EDR: 10/21/2011  
Date Made Active in Reports: 11/08/2011  
Number of Days to Update: 18

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Quarterly

#### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2011  
Date Data Arrived at EDR: 10/21/2011  
Date Made Active in Reports: 11/14/2011  
Number of Days to Update: 24

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/26/2012  
Data Release Frequency: Quarterly

### SACRAMENTO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Toxic Site Clean-Up List

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

Date of Government Version: 08/02/2011  
Date Data Arrived at EDR: 10/12/2011  
Date Made Active in Reports: 11/08/2011  
Number of Days to Update: 27

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/07/2011  
Next Scheduled EDR Contact: 01/23/2012  
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: 08/02/2011  
Date Data Arrived at EDR: 10/14/2011  
Date Made Active in Reports: 11/08/2011  
Number of Days to Update: 25

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/07/2011  
Next Scheduled EDR Contact: 01/23/2012  
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: 08/26/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
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: 09/09/2010  
Date Data Arrived at EDR: 09/15/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 14

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 09/16/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Quarterly

#### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2010  
Date Data Arrived at EDR: 11/16/2010  
Date Made Active in Reports: 01/25/2011  
Number of Days to Update: 70

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
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: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Quarterly

#### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010  
Date Data Arrived at EDR: 03/10/2011  
Date Made Active in Reports: 03/15/2011  
Number of Days to Update: 5

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
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: 09/27/2011  
Date Data Arrived at EDR: 09/28/2011  
Date Made Active in Reports: 10/19/2011  
Number of Days to Update: 21

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Semi-Annually

### SAN LUIS OBISPO COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 24

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Varies

### SAN MATEO COUNTY:

#### Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/13/2011  
Date Data Arrived at EDR: 07/15/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/12/2012  
Data Release Frequency: Annually

### Fuel Leak List

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

Date of Government Version: 09/20/2011  
Date Data Arrived at EDR: 09/22/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 32

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
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: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Varies

### SANTA CLARA COUNTY:

#### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

#### LOP Listing

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

Date of Government Version: 09/06/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/10/2011  
Number of Days to Update: 27

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: Annually

#### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 09/01/2011  
Date Data Arrived at EDR: 09/01/2011  
Date Made Active in Reports: 10/03/2011  
Number of Days to Update: 32

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Annually

### SANTA CRUZ COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/31/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 09/09/2011  
Number of Days to Update: 9

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Varies

### SHASTA COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/31/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 19

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
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: 09/20/2011  
Date Data Arrived at EDR: 09/28/2011  
Date Made Active in Reports: 10/25/2011  
Number of Days to Update: 27

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

#### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/20/2011  
Date Data Arrived at EDR: 09/28/2011  
Date Made Active in Reports: 10/19/2011  
Number of Days to Update: 21

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
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: 04/05/2011  
Date Data Arrived at EDR: 04/06/2011  
Date Made Active in Reports: 05/12/2011  
Number of Days to Update: 36

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 10/03/2011  
Next Scheduled EDR Contact: 01/16/2012  
Data Release Frequency: Quarterly

### SUTTER COUNTY:

#### Underground Storage Tanks

Underground storage tank sites located in Sutter county.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 10/19/2011  
Number of Days to Update: 36

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
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: 07/26/2011  
Date Data Arrived at EDR: 08/26/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 24

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 11/17/2011  
Next Scheduled EDR Contact: 03/05/2012  
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: 09/14/2011  
Date Data Arrived at EDR: 09/15/2011  
Date Made Active in Reports: 10/24/2011  
Number of Days to Update: 39

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 11/21/2011  
Next Scheduled EDR Contact: 01/23/2012  
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: 11/17/2011  
Next Scheduled EDR Contact: 03/05/2012  
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: 07/26/2011  
Date Data Arrived at EDR: 08/08/2011  
Date Made Active in Reports: 09/09/2011  
Number of Days to Update: 32

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
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: 08/30/2011  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/19/2011  
Number of Days to Update: 29

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/20/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### YOLO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 08/15/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 09/16/2011  
Number of Days to Update: 24

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 10/11/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Annually

### YUBA COUNTY:

#### CUPA Facility List CUPA facility listing for Yuba County.

Date of Government Version: 08/23/2011  
Date Data Arrived at EDR: 08/26/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 24

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 11/07/2011  
Next Scheduled EDR Contact: 02/20/2012  
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: 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: 11/22/2011  
Next Scheduled EDR Contact: 03/05/2012  
Data Release Frequency: Annually

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 07/20/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 22

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/18/2011  
Next Scheduled EDR Contact: 01/30/2012  
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: 08/01/2011  
Date Data Arrived at EDR: 08/09/2011  
Date Made Active in Reports: 09/16/2011  
Number of Days to Update: 38

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/08/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 717-783-8990  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 06/24/2011  
Date Made Active in Reports: 06/30/2011  
Number of Days to Update: 6

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 08/19/2011  
Date Made Active in Reports: 09/15/2011  
Number of Days to Update: 27

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

4347 EVELYN DR  
4347 EVELYN DR  
OLIVEHURST, CA 95961

### **TARGET PROPERTY COORDINATES**

|                                |                          |
|--------------------------------|--------------------------|
| Latitude (North):              | 39.08200 - 39° 4' 55.2"  |
| Longitude (West):              | 121.537 - 121° 32' 13.2" |
| Universal Transverse Mercator: | Zone 10                  |
| UTM X (Meters):                | 626543.5                 |
| UTM Y (Meters):                | 4326687.0                |
| Elevation:                     | 64 ft. above sea level   |

### **USGS TOPOGRAPHIC MAP**

|                       |                         |
|-----------------------|-------------------------|
| Target Property Map:  | 39121-A5 OLIVEHURST, CA |
| Most Recent Revision: | 1973                    |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

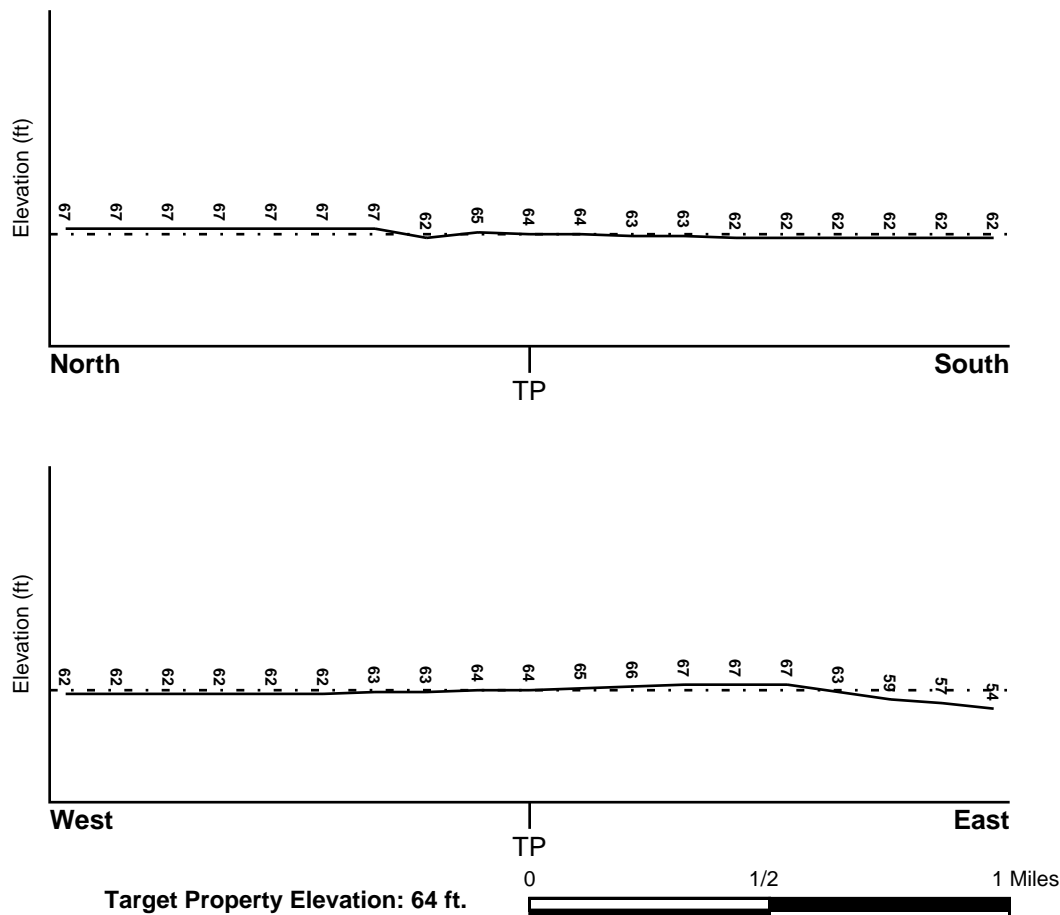
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

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

### FEMA FLOOD ZONE

Target Property County  
YUBA, CA

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

Flood Plain Panel at Target Property: 06115C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
OLIVEHURST

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### *Site-Specific Hydrogeological Data\*:*

Search Radius: 1.25 miles  
Status: Not found

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| <u>MAP ID</u> | <u>LOCATION<br/>FROM TP</u> | <u>GENERAL DIRECTION<br/>GROUNDWATER FLOW</u> |
|---------------|-----------------------------|---|
| Not Reported  |                             |   |

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

|         |   |
|---------|---|
| Era:    | Cenozoic                                  |
| System: | Quaternary                                |
| Series: | Quaternary                                |
| Code:   | Q (decoded above as Era, System & Series) |

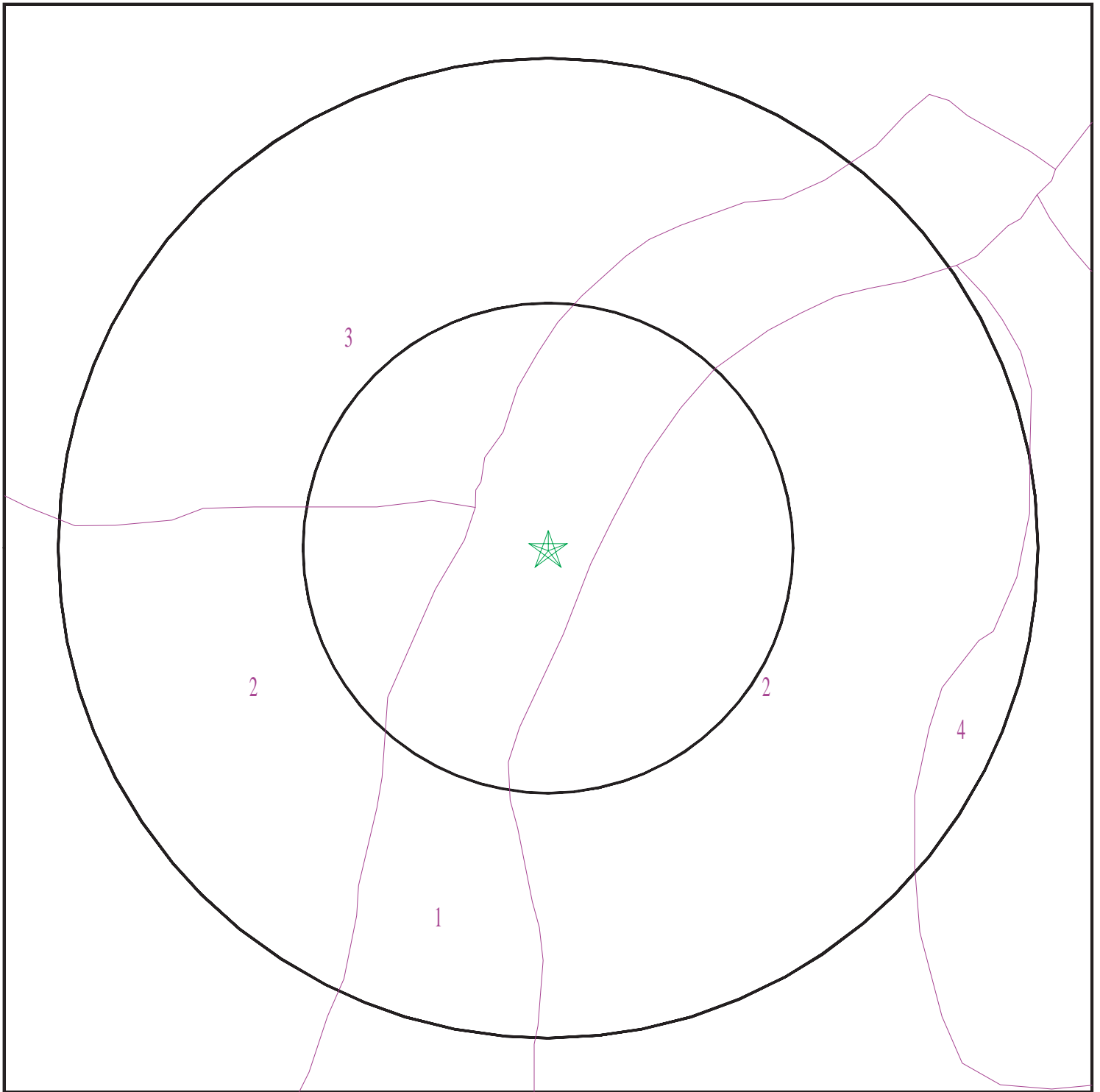
#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



# SSURGO SOIL MAP - 3211465.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water

0 1/16 1/8 1/4 Miles



SITE NAME: 4347 Evelyn Dr  
ADDRESS: 4347 Evelyn Dr  
Olivehurst CA 95961  
LAT/LONG: 39.0820 / 121.5370

CLIENT: ARCADIS U.S., Inc.  
CONTACT: Scott Hackman  
INQUIRY #: 3211465.2s  
DATE: December 02, 2011 3:04 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: OAKDALE

Soil Surface Texture: sandy loam

Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information |           |           |                    |                |  |  |                      |
|------------------------|-----------|-----------|--------------------|----------------|--|--|----------------------|
| Layer                  | Boundary  |           | Soil Texture Class | Classification |  | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH)   |
|                        | Upper     | Lower     |                    | AASHTO Group   | Unified Soil   |  |                      |
| 1                      | 0 inches  | 9 inches  | sandy loam         | Not reported   | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14                           | Max: 7.3<br>Min: 6.1 |
| 2                      | 9 inches  | 53 inches | coarse sandy loam  | Not reported   | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14                           | Max: 7.3<br>Min: 6.1 |
| 3                      | 53 inches | 70 inches | loamy sand         | Not reported   | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14                           | Max: 7.3<br>Min: 6.1 |

#### Soil Map ID: 2

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: loam

Hydrologic Group: Not reported

Soil Drainage Class:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information |           |           |                    |   |   |  |                      |
|------------------------|-----------|-----------|--------------------|---|---|--|----------------------|
| Layer                  | Boundary  |           | Soil Texture Class | Classification  |   | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH)   |
|                        | Upper     | Lower     |                    | AASHTO Group  | Unified Soil  |  |                      |
| 1                      | 0 inches  | 16 inches | loam               | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01                       | Max: 7.8<br>Min: 6.1 |
| 2                      | 16 inches | 25 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01                       | Max: 7.8<br>Min: 6.1 |

### Soil Map ID: 3

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information |           |           |                    |   |   |   |                      |
|------------------------|-----------|-----------|--------------------|---|---|---|----------------------|
| Layer                  | Boundary  |           | Soil Texture Class | Classification  |   | Saturated hydraulic conductivity<br>micro m/sec | Soil Reaction (pH)   |
|                        | Upper     | Lower     |                    | AASHTO Group  | Unified Soil  |   |                      |
| 1                      | 0 inches  | 16 inches | loam               | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01                          | Max: 7.8<br>Min: 6.1 |
| 2                      | 16 inches | 25 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01                          | Max: 7.8<br>Min: 6.1 |

### Soil Map ID: 4

Soil Component Name: HOLLENBECK

Soil Surface Texture: silty clay loam

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

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information |          |          |                    |  |   |   |                      |
|------------------------|----------|----------|--------------------|--|---|---|----------------------|
| Layer                  | Boundary |          | Soil Texture Class | Classification   |   | Saturated hydraulic conductivity<br>micro m/sec | Soil Reaction (pH)   |
|                        | Upper    | Lower    |                    | AASHTO Group   | Unified Soil  |   |                      |
| 1                      | 0 inches | 7 inches | silty clay loam    | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4<br>Min: 1.4                              | Max: 8.4<br>Min: 6.6 |

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information |           |           |                    |  |   |   |                      |
|------------------------|-----------|-----------|--------------------|--|---|---|----------------------|
| Layer                  | Boundary  |           | Soil Texture Class | Classification   |   | Saturated hydraulic conductivity<br>micro m/sec | Soil Reaction (pH)   |
|                        | Upper     | Lower     |                    | AASHTO Group   | Unified Soil  |   |                      |
| 2                      | 7 inches  | 42 inches | silty clay         | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4<br>Min: 1.4                              | Max: 8.4<br>Min: 6.6 |
| 3                      | 42 inches | 46 inches | clay loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4<br>Min: 1.4                              | Max: 8.4<br>Min: 6.6 |

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

| <u>DATABASE</u>  | <u>SEARCH DISTANCE (miles)</u> |
|------------------|--------------------------------|
| Federal USGS     | 1.000                          |
| Federal FRDS PWS | Nearest PWS within 1 mile      |
| State Database   | 1.000                          |

### FEDERAL USGS WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|----------------|-------------------------|
| 2             | USGS3229339    | 1/8 - 1/4 Mile South    |
| 3             | USGS3229198    | 1/4 - 1/2 Mile NNW      |
| 4             | USGS3229349    | 1/4 - 1/2 Mile ESE      |
| 5             | USGS3229328    | 1/4 - 1/2 Mile SE       |
| 6             | USGS3229359    | 1/2 - 1 Mile East       |
| 7             | USGS3229303    | 1/2 - 1 Mile South      |
| 8             | USGS3229345    | 1/2 - 1 Mile WSW        |
| 9             | USGS3229335    | 1/2 - 1 Mile ESE        |
| 10            | USGS3229301    | 1/2 - 1 Mile SSE        |
| A12           | USGS3229311    | 1/2 - 1 Mile SW         |
| 14            | USGS3229317    | 1/2 - 1 Mile SW         |

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID     | LOCATION<br>FROM TP |
|--------|-------------|---------------------|
| B16    | USGS3229218 | 1/2 - 1 Mile NNW    |
| 20     | USGS3229300 | 1/2 - 1 Mile SE     |
| 21     | USGS3229207 | 1/2 - 1 Mile NE     |
| 22     | USGS3229294 | 1/2 - 1 Mile SW     |
| 23     | USGS3229370 | 1/2 - 1 Mile West   |
| 24     | USGS3229304 | 1/2 - 1 Mile SW     |
| 25     | USGS3229472 | 1/2 - 1 Mile SE     |

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

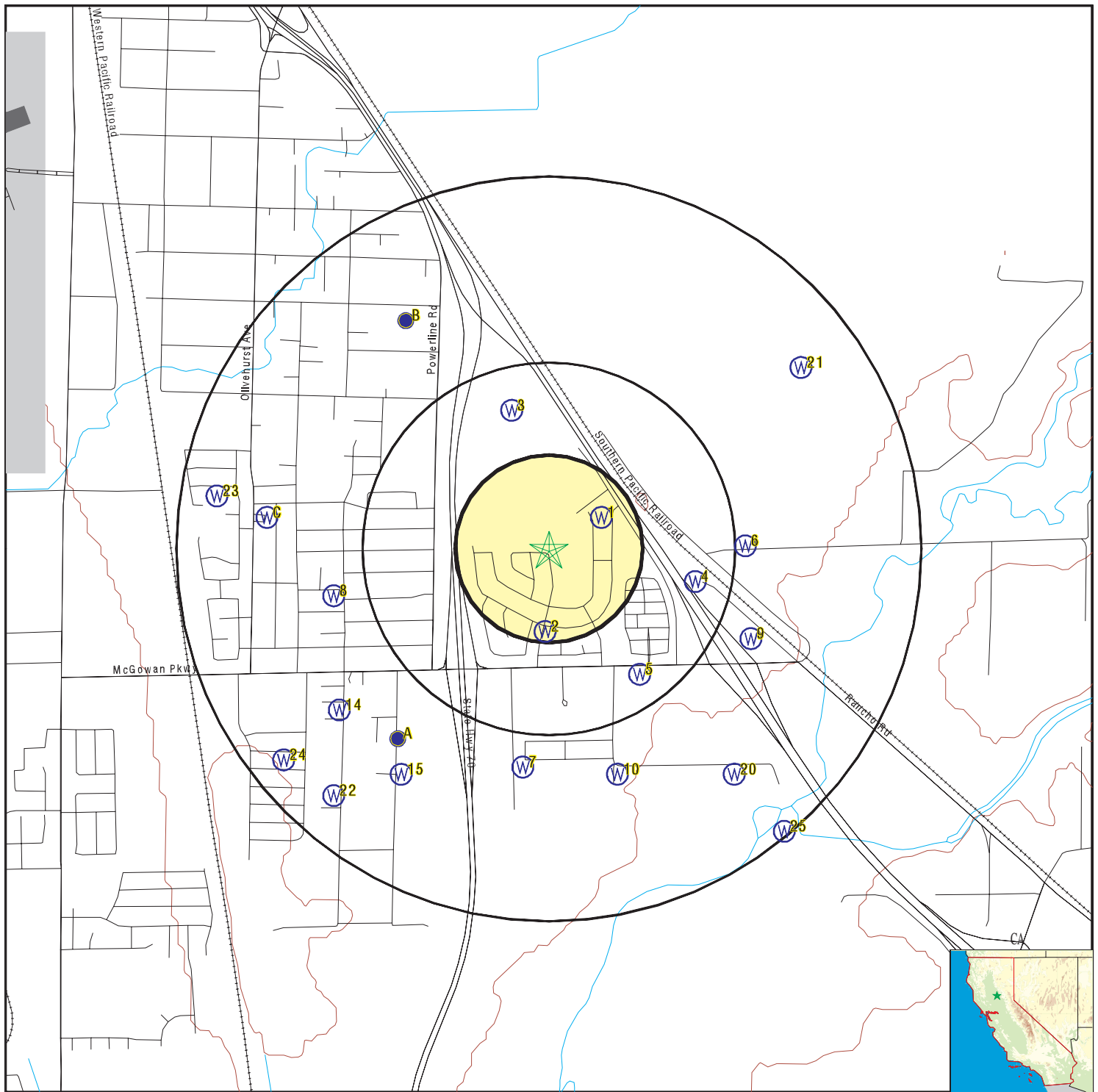
| MAP ID              | WELL ID | LOCATION<br>FROM TP |
|---------------------|---------|---------------------|
| No PWS System Found |         |                     |

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

### STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID         | LOCATION<br>FROM TP |
|--------|-----------------|---------------------|
| 1      | 12616           | 1/8 - 1/4 Mile ENE  |
| A11    | 11950           | 1/2 - 1 Mile SW     |
| B13    | CADW40000041004 | 1/2 - 1 Mile NNW    |
| 15     | 11951           | 1/2 - 1 Mile SSW    |
| C17    | 12615           | 1/2 - 1 Mile West   |
| C18    | 12609           | 1/2 - 1 Mile West   |
| C19    | 12608           | 1/2 - 1 Mile West   |

# PHYSICAL SETTING SOURCE MAP - 3211465.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 4347 Evelyn Dr  
 ADDRESS: 4347 Evelyn Dr  
 Olivehurst CA 95961  
 LAT/LONG: 39.0820 / 121.5370

CLIENT: ARCADIS U.S., Inc.  
 CONTACT: Scott Hackman  
 INQUIRY #: 3211465.2s  
 DATE: December 02, 2011 3:04 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**1**  
**ENE**  
**1/8 - 1/4 Mile**  
**Higher**

**CA WELLS 12616**

**Water System Information:**

|                                    |                            |               |                              |
|------------------------------------|----------------------------|---------------|------------------------------|
| Prime Station Code:                | 15N/04E-09F02 M            | User ID:      | BUG                          |
| FRDS Number:                       | 5810003008                 | County:       | Yuba                         |
| District Number:                   | 02                         | Station Type: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Water Type:                        | Well/Groundwater           | Well Status:  | Active Untreated             |
| Source Lat/Long:                   | 390500.0 1213200.0         | Precision:    | 0.5 Mile (30 Seconds)        |
| Source Name:                       | WELL 15A                   |               |                              |
| System Number:                     | 5810003                    |               |                              |
| System Name:                       | Olivehurst PUD             |               |                              |
| Organization That Operates System: | P.O. BOX 678               |               |                              |
|                                    | Olivehurst, CA 95961       |               |                              |
| Pop Served:                        | 9738                       | Connections:  | 2873                         |
| Area Served:                       | OLIVEHURST                 |               |                              |
| Sample Collected:                  | 08/03/2006                 | Findings:     | 1.4 PCI/L                    |
| Chemical:                          | GROSS ALPHA COUNTING ERROR |               |                              |
| Sample Collected:                  | 12/04/2006                 | Findings:     | 3.5 UG/L                     |
| Chemical:                          | ARSENIC                    |               |                              |
| Sample Collected:                  | 03/08/2007                 | Findings:     | 0.4 PCI/L                    |
| Chemical:                          | GROSS ALPHA COUNTING ERROR |               |                              |
| Sample Collected:                  | 03/08/2007                 | Findings:     | 4.3 PCI/L                    |
| Chemical:                          | RADIUM 228                 |               |                              |
| Sample Collected:                  | 03/08/2007                 | Findings:     | 1.6 PCI/L                    |
| Chemical:                          | RADIUM 228 COUNTING ERROR  |               |                              |
| Sample Collected:                  | 04/10/2007                 | Findings:     | 0.7 PCI/L                    |
| Chemical:                          | GROSS ALPHA COUNTING ERROR |               |                              |
| Sample Collected:                  | 04/10/2007                 | Findings:     | 2. PCI/L                     |
| Chemical:                          | RADIUM 228 COUNTING ERROR  |               |                              |
| Sample Collected:                  | 09/27/2007                 | Findings:     | 0.4 PCI/L                    |
| Chemical:                          | GROSS ALPHA COUNTING ERROR |               |                              |
| Sample Collected:                  | 09/27/2007                 | Findings:     | 0.9 PCI/L                    |
| Chemical:                          | RADIUM 228 COUNTING ERROR  |               |                              |
| Sample Collected:                  | 11/14/2007                 | Findings:     | 0.4 PCI/L                    |
| Chemical:                          | GROSS ALPHA COUNTING ERROR |               |                              |
| Sample Collected:                  | 11/14/2007                 | Findings:     | 0.9 PCI/L                    |
| Chemical:                          | RADIUM 228 COUNTING ERROR  |               |                              |
| Sample Collected:                  | 02/13/2008                 | Findings:     | 0.6 PCI/L                    |
| Chemical:                          | GROSS ALPHA COUNTING ERROR |               |                              |
| Sample Collected:                  | 02/13/2008                 | Findings:     | 0.4 PCI/L                    |
| Chemical:                          | RADIUM 228 COUNTING ERROR  |               |                              |

**2**  
**South**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS USGS3229339**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390444121321001    |
| Site name:                    | 014N004E09F002M                                  |                                |                    |
| Latitude:                     | 390444   | EDR Site id:                   | USGS3229339        |
| Longitude:                    | 1213210  | Dec lat:                       | 39.07878197        |
| Dec lon:                      | -121.537185                                      | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | SWSENWS09T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 57.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Not Reported                                     |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | 19720519           |
| Date inventoried:             | 19760324   | 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:                   | 321  | Hole depth:                    | 324                |
| Source of depth data:         | driller  |                                |                    |
| Project number:               | 0479435800                                       |                                |                    |
| Real time data flag:          | 0  | Daily flow data begin date:    | 0000-00-00         |
| Daily flow data end date:     | 0000-00-00                                       | Daily flow data count:         | 0                  |
| Peak flow data begin date:    | 0000-00-00                                       | Peak flow data end date:       | 0000-00-00         |
| Peak flow data count:         | 0  | Water quality data begin date: | 1976-08-12         |
| Water quality data end date:  | 1976-08-12                                       | Water quality data count:      | 1                  |
| Ground water data begin date: | 0000-00-00                                       | Ground water data end date:    | 0000-00-00         |
| Ground water data count:      | 0  |                                |                    |

Ground-water levels, Number of Measurements: 0

### 3 NNW 1/4 - 1/2 Mile Higher

**FED USGS      USGS3229198**

|                    |  |                             |                    |
|--------------------|--|-----------------------------|--------------------|
| Agency cd:         | USGS   | Site no:                    | 390515121321601    |
| Site name:         | 014N004E04N001M                              |                             |                    |
| Latitude:          | 390515                                       | EDR Site id:                | USGS3229198        |
| Longitude:         | 1213216                                      | Dec lat:                    | 39.08739296        |
| Dec lon:           | -121.53885191                                | Coor meth:                  | M                  |
| Coor accr:         | S  | Latlong datum:              | NAD27              |
| Dec latlong datum: | NAD83  | District:                   | 06                 |
| State:             | 06   | County:                     | 115                |
| Country:           | US   | Land net:                   | NESWSWS04T14NR04EM |
| Location map:      | OLIVEHURST                                   | Map scale:                  | 24000              |
| Altitude:          | 64.00  |                             |                    |
| Altitude method:   | Interpolated from topographic map            |                             |                    |
| Altitude accuracy: | 2.5  |                             |                    |
| Altitude datum:    | National Geodetic Vertical Datum of 1929     |                             |                    |
| Hydrologic:        | Lower Feather. California. Area = 681 sq.mi. |                             |                    |
| Topographic:       | Valley flat                                  |                             |                    |
| Site type:         | Ground-water other than Spring               | Date construction:          | 19630310           |
| Date inventoried:  | 19760324                                     | Mean greenwich time offset: | PST                |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |              |
|-------------------------------|--|--------------------------------|--------------|
| Local standard time flag:     | Y  |                                |              |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |              |
| Aquifer Type:                 | Not Reported                                     |                                |              |
| Aquifer:                      | Not Reported                                     |                                |              |
| Well depth:                   | 120  | Hole depth:                    | 120          |
| Source of depth data:         | driller  |                                |              |
| Project number:               | 7479433400                                       |                                |              |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported |
| Ground water data count:      | Not Reported                                     |                                |              |

Ground-water levels, Number of Measurements: 0

### 4 ESE 1/4 - 1/2 Mile Higher

**FED USGS      USGS3229349**

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390451121314301    |
| Site name:                    | 014N004E09G001M                                  | EDR Site id:                   | USGS3229349        |
| Latitude:                     | 390451   | Dec lat:                       | 39.0807264         |
| Longitude:                    | 1213143  | Coor meth:                     | M                  |
| Dec lon:                      | -121.52968483                                    | Latlong datum:                 | NAD27              |
| Coor accr:                    | S  | District:                      | 06                 |
| Dec latlong datum:            | NAD83  | County:                        | 115                |
| State:                        | 06   | Land net:                      | NESWNES09T14NR04EM |
| Country:                      | US   | Map scale:                     | 24000              |
| Location map:                 | OLIVEHURST                                       |                                |                    |
| Altitude:                     | 65.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | 19740723           |
| Date inventoried:             | 19760324   | 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:                   | 110  | Hole depth:                    | 110                |
| Source of depth data:         | driller  |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | 0  | Daily flow data begin date:    | 0000-00-00         |
| Daily flow data end date:     | 0000-00-00                                       | Daily flow data count:         | 0                  |
| Peak flow data begin date:    | 0000-00-00                                       | Peak flow data end date:       | 0000-00-00         |
| Peak flow data count:         | 0  | Water quality data begin date: | 0000-00-00         |
| Water quality data end date:  | 0000-00-00                                       | Water quality data count:      | 0                  |
| Ground water data begin date: | 1974-07-23                                       | Ground water data end date:    | 1974-07-23         |
| Ground water data count:      | 1  |                                |                    |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

| Date       | Feet below<br>Surface | Feet to<br>Sealevel |
|------------|-----------------------|---------------------|
| 1974-07-23 | 65.00                 |                     |

**5**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS3229328**

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390438121315301    |
| Site name:                    | 014N004E09K002M                                  |                                |                    |
| Latitude:                     | 390438   | EDR Site id:                   | USGS3229328        |
| Longitude:                    | 1213153  | Dec lat:                       | 39.07711533        |
| Dec lon:                      | -121.5324626                                     | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | NWNWSES09T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 60.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | 19740802           |
| Date inventoried:             | 19760324   | 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:                   | 135  | Hole depth:                    | 135                |
| Source of depth data:         | driller  |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | 0  | Daily flow data begin date:    | 0000-00-00         |
| Daily flow data end date:     | 0000-00-00                                       | Daily flow data count:         | 0                  |
| Peak flow data begin date:    | 0000-00-00                                       | Peak flow data end date:       | 0000-00-00         |
| Peak flow data count:         | 0  | Water quality data begin date: | 0000-00-00         |
| Water quality data end date:  | 0000-00-00                                       | Water quality data count:      | 0                  |
| Ground water data begin date: | 1974-08-02                                       | Ground water data end date:    | 1974-08-02         |
| Ground water data count:      | 1  |                                |                    |

Ground-water levels, Number of Measurements: 1

| Date       | Feet below<br>Surface | Feet to<br>Sealevel |
|------------|-----------------------|---------------------|
| 1974-08-02 | 80.00                 |                     |

**6**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS3229359**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390456121313401    |
| Site name:                    | 014N004E09A001M                                  |                                |                    |
| Latitude:                     | 390456   | EDR Site id:                   | USGS3229359        |
| Longitude:                    | 1213134  | Dec lat:                       | 39.08211527        |
| Dec lon:                      | -121.52718479                                    | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | SWNENES09T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 64.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | Not Reported       |
| Date inventoried:             | 19770208   | Mean greenwich time offset:    | PST                |
| Local standard time flag:     | Y  |                                |                    |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |                    |
| Aquifer Type:                 | Not Reported                                     |                                |                    |
| Aquifer:                      | Not Reported                                     |                                |                    |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported       |
| Source of depth data:         | Not Reported                                     |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported       |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported       |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported       |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported       |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported       |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported       |
| Ground water data count:      | Not Reported                                     |                                |                    |

Ground-water levels, Number of Measurements: 0

### 7 South 1/2 - 1 Mile Lower

**FED USGS      USGS3229303**

|                    |  |                             |                    |
|--------------------|--|-----------------------------|--------------------|
| Agency cd:         | USGS   | Site no:                    | 390425121321401    |
| Site name:         | 014N004E09P001M                              |                             |                    |
| Latitude:          | 390425                                       | EDR Site id:                | USGS3229303        |
| Longitude:         | 1213214                                      | Dec lat:                    | 39.07350426        |
| Dec lon:           | -121.53829602                                | Coor meth:                  | M                  |
| Coor accr:         | S  | Latlong datum:              | NAD27              |
| Dec latlong datum: | NAD83  | District:                   | 06                 |
| State:             | 06   | County:                     | 115                |
| Country:           | US   | Land net:                   | NWSESWS09T14NR04EM |
| Location map:      | YUBA CITY                                    | Map scale:                  | 24000              |
| Altitude:          | 62.00  |                             |                    |
| Altitude method:   | Interpolated from topographic map            |                             |                    |
| Altitude accuracy: | 2.5  |                             |                    |
| Altitude datum:    | National Geodetic Vertical Datum of 1929     |                             |                    |
| Hydrologic:        | Lower Feather. California. Area = 681 sq.mi. |                             |                    |
| Topographic:       | Valley flat                                  |                             |                    |
| Site type:         | Ground-water other than Spring               | Date construction:          | 19550715           |
| Date inventoried:  | 19770224                                     | Mean greenwich time offset: | PST                |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |              |
|-------------------------------|--|--------------------------------|--------------|
| Local standard time flag:     | Y  |                                |              |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |              |
| Aquifer Type:                 | Not Reported                                     |                                |              |
| Aquifer:                      | Not Reported                                     |                                |              |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported |
| Source of depth data:         | Not Reported                                     |                                |              |
| Project number:               | 7479433400                                       |                                |              |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported |
| Ground water data count:      | Not Reported                                     |                                |              |

Ground-water levels, Number of Measurements: 0

**8**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3229345**

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390449121324801    |
| Site name:                    | 014N004E08G001M                                  | EDR Site id:                   | USGS3229345        |
| Latitude:                     | 390449   | Dec lat:                       | 39.08017082        |
| Longitude:                    | 1213248  | Coor meth:                     | M                  |
| Dec lon:                      | -121.54774089                                    | Latlong datum:                 | NAD27              |
| Coor accr:                    | S  | District:                      | 06                 |
| Dec latlong datum:            | NAD83  | County:                        | 115                |
| State:                        | 06   | Land net:                      | NESWNES08T14NR04EM |
| Country:                      | US   | Map scale:                     | 24000              |
| Location map:                 | OLIVEHURST                                       |                                |                    |
| Altitude:                     | 60.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | Not Reported       |
| Date inventoried:             | 19770224   | 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:                   | 60.0   | Hole depth:                    | Not Reported       |
| Source of depth data:         | other government (other than USGS)               |                                |                    |
| Project number:               | 0479435800                                       |                                |                    |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported       |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported       |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported       |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported       |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported       |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported       |
| Ground water data count:      | Not Reported                                     |                                |                    |

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**9**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS3229335**

|                               |  |                                |                   |
|-------------------------------|--|--------------------------------|-------------------|
| Agency cd:                    | USGS   | Site no:                       | 390443121313301   |
| Site name:                    | 014N004E09H001M                                  |                                |                   |
| Latitude:                     | 390443   | EDR Site id:                   | USGS3229335       |
| Longitude:                    | 1213133  | Dec lat:                       | 39.07850421       |
| Dec lon:                      | -121.52690692                                    | Coor meth:                     | M                 |
| Coor accr:                    | S  | Latlong datum:                 | NAD27             |
| Dec latlong datum:            | NAD83  | District:                      | 06                |
| State:                        | 06   | County:                        | 115               |
| Country:                      | US   | Land net:                      | SESENE09T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000             |
| Altitude:                     | 62.00  |                                |                   |
| Altitude method:              | Interpolated from topographic map                |                                |                   |
| Altitude accuracy:            | 2.5  |                                |                   |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                   |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                   |
| Topographic:                  | Valley flat                                      |                                |                   |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | 19740611          |
| Date inventoried:             | 19760324   | 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:                   | 135  | Hole depth:                    | 135               |
| Source of depth data:         | driller  |                                |                   |
| Project number:               | 7479433400                                       |                                |                   |
| Real time data flag:          | 0  | Daily flow data begin date:    | 0000-00-00        |
| Daily flow data end date:     | 0000-00-00                                       | Daily flow data count:         | 0                 |
| Peak flow data begin date:    | 0000-00-00                                       | Peak flow data end date:       | 0000-00-00        |
| Peak flow data count:         | 0  | Water quality data begin date: | 0000-00-00        |
| Water quality data end date:  | 0000-00-00                                       | Water quality data count:      | 0                 |
| Ground water data begin date: | 1974-06-11                                       | Ground water data end date:    | 1974-06-11        |
| Ground water data count:      | 1  |                                |                   |

Ground-water levels, Number of Measurements: 1

| Date       | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|
| 1974-06-11 | 60.00              |                  |

**10**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS3229301**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390424121315701    |
| Site name:                    | 014N004E09Q002M                                  |                                |                    |
| Latitude:                     | 390424   | EDR Site id:                   | USGS3229301        |
| Longitude:                    | 1213157  | Dec lat:                       | 39.0732265         |
| Dec lon:                      | -121.53357366                                    | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | NWSWSES09T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 61.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | Not Reported       |
| Date inventoried:             | 19770224   | Mean greenwich time offset:    | PST                |
| Local standard time flag:     | Y  |                                |                    |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |                    |
| Aquifer Type:                 | Not Reported                                     |                                |                    |
| Aquifer:                      | Not Reported                                     |                                |                    |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported       |
| Source of depth data:         | Not Reported                                     |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | Not Reported                                     |                                |                    |
| Daily flow data end date:     | Not Reported                                     | Daily flow data begin date:    | Not Reported       |
| Peak flow data begin date:    | Not Reported                                     | Daily flow data count:         | Not Reported       |
| Peak flow data count:         | Not Reported                                     | Peak flow data end date:       | Not Reported       |
| Water quality data end date:  | Not Reported                                     | Water quality data begin date: | Not Reported       |
| Ground water data begin date: | Not Reported                                     | Water quality data count:      | Not Reported       |
| Ground water data count:      | Not Reported                                     | Ground water data end date:    | Not Reported       |

Ground-water levels, Number of Measurements: 0

**A11**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      11950**

**Water System Information:**

|                                    |                       |               |                         |
|------------------------------------|-----------------------|---------------|-------------------------|
| Prime Station Code:                | 14N/04E-08J02 M       | User ID:      | 58C                     |
| FRDS Number:                       | 5800567001            | County:       | Yuba                    |
| District Number:                   | 88                    | Station Type: | WELL/AMBNT/MUN/INTAKE   |
| Water Type:                        | Well/Groundwater      | Well Status:  | Active Raw              |
| Source Lat/Long:                   | 390430.0 1213237.0    | Precision:    | 1,000 Feet (10 Seconds) |
| Source Name:                       | WELL 01               |               |                         |
| System Number:                     | 5800567               |               |                         |
| System Name:                       | YUBA MOBILE HOME PARK |               |                         |
| Organization That Operates System: | Not Reported          |               |                         |
| Pop Served:                        | Unknown, Small System | Connections:  | Unknown, Small System   |
| Area Served:                       | Not Reported          |               |                         |

**A12**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3229311**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390428121323601    |
| Site name:                    | 014N004E08J001M                                  |                                |                    |
| Latitude:                     | 390428   | EDR Site id:                   | USGS3229311        |
| Longitude:                    | 1213236  | Dec lat:                       | 39.07433758        |
| Dec lon:                      | -121.54440732                                    | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | SENESES08T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 60.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | 19740523           |
| Date inventoried:             | 19760323   | 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:                   | 145  | Hole depth:                    | 145                |
| Source of depth data:         | driller  |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | 0  |                                |                    |
| Daily flow data end date:     | 0000-00-00                                       | Daily flow data begin date:    | 0000-00-00         |
| Peak flow data begin date:    | 0000-00-00                                       | Daily flow data count:         | 0                  |
| Peak flow data count:         | 0  | Peak flow data end date:       | 0000-00-00         |
| Water quality data end date:  | 0000-00-00                                       | Water quality data begin date: | 0000-00-00         |
| Ground water data begin date: | 1974-05-23                                       | Water quality data count:      | 0                  |
| Ground water data count:      | 1  | Ground water data end date:    | 1974-05-23         |

Ground-water levels, Number of Measurements: 1

| Date       | Feet below<br>Surface | Feet to<br>Sealevel |
|------------|-----------------------|---------------------|
| 1974-05-23 | 60.00                 |                     |

**B13**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW40000041004**

|             |                 |
|-------------|-----------------|
| Longitude:  | -121.5428       |
| Latitude:   | 39.0906         |
| Stwellno:   | 14N04E05J002M   |
| Districtco: | 7               |
| Welluseco:  | Z               |
| Countyco:   | 58              |
| Gwcode:     | 502106          |
| Site id:    | CADW40000041004 |

**14**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3229317**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390433121324701    |
| Site name:                    | 014N004E08K001M                                  |                                |                    |
| Latitude:                     | 390433   | EDR Site id:                   | USGS3229317        |
| Longitude:                    | 1213247  | Dec lat:                       | 39.07572644        |
| Dec lon:                      | -121.547463                                      | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | NENWSES08T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 58.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | 19651206           |
| Date inventoried:             | 19760324   | 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:                   | 84.0   | Hole depth:                    | 86.0               |
| Source of depth data:         | driller  |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | Not Reported                                     |                                |                    |
| Daily flow data end date:     | Not Reported                                     | Daily flow data begin date:    | Not Reported       |
| Peak flow data begin date:    | Not Reported                                     | Daily flow data count:         | Not Reported       |
| Peak flow data count:         | Not Reported                                     | Peak flow data end date:       | Not Reported       |
| Water quality data end date:  | Not Reported                                     | Water quality data begin date: | Not Reported       |
| Ground water data begin date: | Not Reported                                     | Water quality data count:      | Not Reported       |
| Ground water data count:      | Not Reported                                     | Ground water data end date:    | Not Reported       |

Ground-water levels, Number of Measurements: 0

**15**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      11951**

**Water System Information:**

|                                    |                          |               |                         |
|------------------------------------|--------------------------|---------------|-------------------------|
| Prime Station Code:                | 14N/04E-08R01 M          | User ID:      | 58C                     |
| FRDS Number:                       | 5800878001               | County:       | Yuba                    |
| District Number:                   | 88                       | Station Type: | WELL/AMBNT/MUN/INTAKE   |
| Water Type:                        | Well/Groundwater         | Well Status:  | Active Raw              |
| Source Lat/Long:                   | 390424.0 1213236.0       | Precision:    | 1,000 Feet (10 Seconds) |
| Source Name:                       | WELL 01                  |               |                         |
| System Number:                     | 5800878                  |               |                         |
| System Name:                       | GEORGE AVENUE APARTMENTS |               |                         |
| Organization That Operates System: | Not Reported             |               |                         |
| Pop Served:                        | Unknown, Small System    | Connections:  | Unknown, Small System   |
| Area Served:                       | Not Reported             |               |                         |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                   |   |           |           |
|-------------------|---|-----------|-----------|
| Sample Collected: | 07/26/2006                              | Findings: | 11.2 UG/L |
| Chemical:         | ARSENIC                                 |           |           |
| Sample Collected: | 10/25/2006                              | Findings: | 11.6 UG/L |
| Chemical:         | ARSENIC                                 |           |           |
| Sample Collected: | 10/25/2006                              | Findings: | 1. PCI/L  |
| Chemical:         | GROSS ALPHA COUNTING ERROR              |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 13. C     |
| Chemical:         | SOURCE TEMPERATURE C                    |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 299. US   |
| Chemical:         | SPECIFIC CONDUCTANCE                    |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 7.9       |
| Chemical:         | PH, LABORATORY                          |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 90.5 MG/L |
| Chemical:         | ALKALINITY (TOTAL) AS CaCO <sub>3</sub> |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 110. MG/L |
| Chemical:         | BICARBONATE ALKALINITY                  |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 102. MG/L |
| Chemical:         | HARDNESS (TOTAL) AS CaCO <sub>3</sub>   |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 17.7 MG/L |
| Chemical:         | CALCIUM                                 |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 14.1 MG/L |
| Chemical:         | MAGNESIUM                               |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 18. MG/L  |
| Chemical:         | SODIUM                                  |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 30. MG/L  |
| Chemical:         | CHLORIDE                                |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 0.2 MG/L  |
| Chemical:         | FLUORIDE (F) (NATURAL-SOURCE)           |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 10.6 UG/L |
| Chemical:         | ARSENIC                                 |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 114. UG/L |
| Chemical:         | BARIUM                                  |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 215. UG/L |
| Chemical:         | IRON                                    |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 349. UG/L |
| Chemical:         | MANGANESE                               |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 183. MG/L |
| Chemical:         | TOTAL DISSOLVED SOLIDS                  |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 0.243     |
| Chemical:         | LANGELIER INDEX @ 60 C                  |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | - 0.384   |
| Chemical:         | LANGELIER INDEX AT SOURCE TEMP.         |           |           |
| Sample Collected: | 12/27/2006                              | Findings: | 11.5      |
| Chemical:         | AGGRSSIVE INDEX (CORROSIVITY)           |           |           |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                   |                            |           |             |
|-------------------|----------------------------|-----------|-------------|
| Sample Collected: | 01/24/2007                 | Findings: | 34.9 UG/L   |
| Chemical:         | ARSENIC                    |           |             |
| Sample Collected: | 04/25/2007                 | Findings: | 12.1 UG/L   |
| Chemical:         | ARSENIC                    |           |             |
| Sample Collected: | 12/26/2007                 | Findings: | 0.7 PCI/L   |
| Chemical:         | GROSS ALPHA COUNTING ERROR |           |             |
| Sample Collected: | 02/27/2008                 | Findings: | 300. US     |
| Chemical:         | SPECIFIC CONDUCTANCE       |           |             |
| Sample Collected: | 03/26/2008                 | Findings: | 0.7 PCI/L   |
| Chemical:         | GROSS ALPHA COUNTING ERROR |           |             |
| Sample Collected: | 08/27/2008                 | Findings: | 310. US     |
| Chemical:         | SPECIFIC CONDUCTANCE       |           |             |
| Sample Collected: | 09/24/2008                 | Findings: | 1.13 PCI/L  |
| Chemical:         | RADIUM 228 COUNTING ERROR  |           |             |
| Sample Collected: | 09/24/2008                 | Findings: | 0.255 PCI/L |
| Chemical:         | RADIUM 228 MDA95           |           |             |
| Sample Collected: | 09/24/2008                 | Findings: | 0.9 PCI/L   |
| Chemical:         | GROSS ALPHA COUNTING ERROR |           |             |
| Sample Collected: | 11/26/2008                 | Findings: | 10.2 UG/L   |
| Chemical:         | ARSENIC                    |           |             |
| Sample Collected: | 12/24/2008                 | Findings: | 0.7 PCI/L   |
| Chemical:         | GROSS ALPHA COUNTING ERROR |           |             |
| Sample Collected: | 03/25/2009                 | Findings: | 0.7 PCI/L   |
| Chemical:         | GROSS ALPHA COUNTING ERROR |           |             |
| Sample Collected: | 09/23/2009                 | Findings: | 0.828 PCI/L |
| Chemical:         | RADIUM 228 COUNTING ERROR  |           |             |
| Sample Collected: | 09/23/2009                 | Findings: | 0.276 PCI/L |
| Chemical:         | RADIUM 228 MDA95           |           |             |
| Sample Collected: | 10/28/2009                 | Findings: | 9.2 UG/L    |
| Chemical:         | ARSENIC                    |           |             |
| Sample Collected: | 03/24/2010                 | Findings: | 13.9 UG/L   |
| Chemical:         | ARSENIC                    |           |             |
| Sample Collected: | 03/09/2011                 | Findings: | 10.5 UG/L   |
| Chemical:         | ARSENIC                    |           |             |
| Sample Collected: | 05/04/2011                 | Findings: | 37. UG/L    |
| Chemical:         | MANGANESE                  |           |             |
| Sample Collected: | 05/04/2011                 | Findings: | 3.5 MG/L    |
| Chemical:         | NITRATE (AS NO3)           |           |             |

**B16  
NNW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS3229218**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390529121323601    |
| Site name:                    | 014N004E05J002M                                  |                                |                    |
| Latitude:                     | 390529   | EDR Site id:                   | USGS3229218        |
| Longitude:                    | 1213236  | Dec lat:                       | 39.09128179        |
| Dec lon:                      | -121.54440772                                    | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | NENESES05T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 62.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | 19570101           |
| Date inventoried:             | 19770222   | 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:                   | 114  | Hole depth:                    | 132                |
| Source of depth data:         | other government (other than USGS)               |                                |                    |
| Project number:               | 0479435800                                       |                                |                    |
| Real time data flag:          | 0  | Daily flow data begin date:    | 0000-00-00         |
| Daily flow data end date:     | 0000-00-00                                       | Daily flow data count:         | 0                  |
| Peak flow data begin date:    | 0000-00-00                                       | Peak flow data end date:       | 0000-00-00         |
| Peak flow data count:         | 0  | Water quality data begin date: | 0000-00-00         |
| Water quality data end date:  | 0000-00-00                                       | Water quality data count:      | 0                  |
| Ground water data begin date: | 0000-00-00                                       | Ground water data end date:    | 0000-00-00         |
| Ground water data count:      | 0  |                                |                    |

Ground-water levels, Number of Measurements: 0

**C17**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS 12615**

### Water System Information:

|                                    |                      |               |                              |
|------------------------------------|----------------------|---------------|------------------------------|
| Prime Station Code:                | 15N/04E-08G01 M      | User ID:      | BUG                          |
| FRDS Number:                       | 5810003007           | County:       | Yuba                         |
| District Number:                   | 02                   | Station Type: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Water Type:                        | Well/Groundwater     | Well Status:  | Active Untreated             |
| Source Lat/Long:                   | 390500.0 1213300.0   | Precision:    | 0.5 Mile (30 Seconds)        |
| Source Name:                       | WELL 14              |               |                              |
| System Number:                     | 5810003              |               |                              |
| System Name:                       | Olivehurst PUD       |               |                              |
| Organization That Operates System: | P.O. BOX 678         |               |                              |
|                                    | Olivehurst, CA 95961 |               |                              |
| Pop Served:                        | 9738                 | Connections:  | 2873                         |
| Area Served:                       | OLIVEHURST           |               |                              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                   |                               |           |           |
|-------------------|-------------------------------|-----------|-----------|
| Sample Collected: | 08/03/2006                    | Findings: | 1.1 PCI/L |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |           |
| Sample Collected: | 03/08/2007                    | Findings: | 0.3 PCI/L |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |           |
| Sample Collected: | 03/08/2007                    | Findings: | 5. PCI/L  |
| Chemical:         | RADIUM 228                    |           |           |
| Sample Collected: | 03/08/2007                    | Findings: | 1.6 PCI/L |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |           |
| Sample Collected: | 06/28/2007                    | Findings: | 0.4 PCI/L |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |           |
| Sample Collected: | 06/28/2007                    | Findings: | 1.5 PCI/L |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |           |
| Sample Collected: | 09/27/2007                    | Findings: | 0.4 PCI/L |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |           |
| Sample Collected: | 09/27/2007                    | Findings: | 1. PCI/L  |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |           |
| Sample Collected: | 11/14/2007                    | Findings: | 0.5 PCI/L |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |           |
| Sample Collected: | 11/14/2007                    | Findings: | 0.9 PCI/L |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |           |
| Sample Collected: | 02/13/2008                    | Findings: | 0.6 PCI/L |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |           |
| Sample Collected: | 02/13/2008                    | Findings: | 0.4 PCI/L |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |           |
| Sample Collected: | 05/25/2010                    | Findings: | 0.19 MG/L |
| Chemical:         | FLUORIDE (F) (NATURAL-SOURCE) |           |           |

**C18**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS 12609**

**Water System Information:**

|                                    |                            |               |                              |
|------------------------------------|----------------------------|---------------|------------------------------|
| Prime Station Code:                | 15N/04E-05P01 M            | User ID:      | BUG                          |
| FRDS Number:                       | 5810003006                 | County:       | Yuba                         |
| District Number:                   | 02                         | Station Type: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Water Type:                        | Well/Groundwater           | Well Status:  | Active Raw                   |
| Source Lat/Long:                   | 390500.0 1213300.0         | Precision:    | 0.5 Mile (30 Seconds)        |
| Source Name:                       | WELL 10                    |               |                              |
| System Number:                     | 5810003                    |               |                              |
| System Name:                       | Olivehurst PUD             |               |                              |
| Organization That Operates System: | P.O. BOX 678               |               |                              |
|                                    | Olivehurst, CA 95961       |               |                              |
| Pop Served:                        | 9738                       | Connections:  | 2873                         |
| Area Served:                       | OLIVEHURST                 |               |                              |
| Sample Collected:                  | 08/03/2006                 | Findings:     | 0.9 PCI/L                    |
| Chemical:                          | GROSS ALPHA COUNTING ERROR |               |                              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                   |                               |           |            |
|-------------------|-------------------------------|-----------|------------|
| Sample Collected: | 12/04/2006                    | Findings: | 4. UG/L    |
| Chemical:         | ARSENIC                       |           |            |
| Sample Collected: | 03/08/2007                    | Findings: | 0.4 PCI/L  |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |            |
| Sample Collected: | 03/08/2007                    | Findings: | 1.4 PCI/L  |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |            |
| Sample Collected: | 04/10/2007                    | Findings: | 0.5 PCI/L  |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |            |
| Sample Collected: | 04/10/2007                    | Findings: | 2.4 PCI/L  |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |            |
| Sample Collected: | 09/26/2007                    | Findings: | 0.4 PCI/L  |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |            |
| Sample Collected: | 09/26/2007                    | Findings: | 0.8 PCI/L  |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |            |
| Sample Collected: | 11/14/2007                    | Findings: | 0.5 PCI/L  |
| Chemical:         | GROSS ALPHA COUNTING ERROR    |           |            |
| Sample Collected: | 11/14/2007                    | Findings: | 0.9 PCI/L  |
| Chemical:         | RADIUM 228 COUNTING ERROR     |           |            |
| Sample Collected: | 08/04/2008                    | Findings: | 0.24 NTU   |
| Chemical:         | TURBIDITY, LABORATORY         |           |            |
| Sample Collected: | 08/03/2009                    | Findings: | 4400. UG/L |
| Chemical:         | NITRATE + NITRITE (AS N)      |           |            |
| Sample Collected: | 08/13/2009                    | Findings: | 12. MG/L   |
| Chemical:         | NITRATE (AS NO3)              |           |            |
| Sample Collected: | 08/13/2009                    | Findings: | 2600. UG/L |
| Chemical:         | NITRATE + NITRITE (AS N)      |           |            |
| Sample Collected: | 12/01/2009                    | Findings: | 3.8 UG/L   |
| Chemical:         | ARSENIC                       |           |            |
| Sample Collected: | 05/25/2010                    | Findings: | 0.11 MG/L  |
| Chemical:         | FLUORIDE (F) (NATURAL-SOURCE) |           |            |
| Sample Collected: | 08/03/2010                    | Findings: | 20. MG/L   |
| Chemical:         | NITRATE (AS NO3)              |           |            |
| Sample Collected: | 09/02/2010                    | Findings: | 6.6 MG/L   |
| Chemical:         | NITRATE (AS NO3)              |           |            |
| Sample Collected: | 06/02/2011                    | Findings: | 0.13 MG/L  |
| Chemical:         | FLUORIDE (F) (NATURAL-SOURCE) |           |            |

**C19**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      12608**

**Water System Information:**

|                     |                    |               |                              |
|---------------------|--------------------|---------------|------------------------------|
| Prime Station Code: | 15N/04E-05J02 M    | User ID:      | BUG                          |
| FRDS Number:        | 5810003005         | County:       | Yuba                         |
| District Number:    | 02                 | Station Type: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Water Type:         | Well/Groundwater   | Well Status:  | Active Untreated             |
| Source Lat/Long:    | 390500.0 1213300.0 | Precision:    | 0.5 Mile (30 Seconds)        |
| Source Name:        | WELL 09A           |               |                              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                                    |   |              |           |
|------------------------------------|---|--------------|-----------|
| System Number:                     | 5810003                                 |              |           |
| System Name:                       | Olivehurst PUD                          |              |           |
| Organization That Operates System: | P.O. BOX 678                            |              |           |
|                                    | Olivehurst, CA 95961                    |              |           |
| Pop Served:                        | 9738                                    | Connections: | 2873      |
| Area Served:                       | OLIVEHURST                              |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 13. C     |
| Chemical:                          | SOURCE TEMPERATURE C                    |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 4. UNITS  |
| Chemical:                          | COLOR                                   |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 341. US   |
| Chemical:                          | SPECIFIC CONDUCTANCE                    |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 7.6       |
| Chemical:                          | PH, LABORATORY                          |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 150. MG/L |
| Chemical:                          | ALKALINITY (TOTAL) AS CaCO <sub>3</sub> |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 184. MG/L |
| Chemical:                          | BICARBONATE ALKALINITY                  |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 140. MG/L |
| Chemical:                          | HARDNESS (TOTAL) AS CaCO <sub>3</sub>   |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 24. MG/L  |
| Chemical:                          | CALCIUM                                 |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 19.6 MG/L |
| Chemical:                          | MAGNESIUM                               |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 15. MG/L  |
| Chemical:                          | SODIUM                                  |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 17. MG/L  |
| Chemical:                          | CHLORIDE                                |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 11.7 UG/L |
| Chemical:                          | ARSENIC                                 |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 188. UG/L |
| Chemical:                          | IRON                                    |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 180. UG/L |
| Chemical:                          | MANGANESE                               |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 58. UG/L  |
| Chemical:                          | ALUMINUM                                |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 210. MG/L |
| Chemical:                          | TOTAL DISSOLVED SOLIDS                  |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 0.338     |
| Chemical:                          | LANGELIER INDEX @ 60 C                  |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | - 0.288   |
| Chemical:                          | LANGELIER INDEX AT SOURCE TEMP.         |              |           |
| Sample Collected:                  | 03/15/2006                              | Findings:    | 11.6      |
| Chemical:                          | AGGRSSIVE INDEX (CORROSIVITY)           |              |           |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 03/15/2006  
Chemical: TOLUENE

Findings: 2.3 UG/L

20  
SE  
1/2 - 1 Mile  
Lower

FED USGS USGS3229300

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390424121313601    |
| Site name:                    | 014N004E09R002M                                  |                                |                    |
| Latitude:                     | 390424   | EDR Site id:                   | USGS3229300        |
| Longitude:                    | 1213136  | Dec lat:                       | 39.0732265         |
| Dec lon:                      | -121.52774016                                    | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | NWSESES09T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 56.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | Not Reported       |
| Date inventoried:             | 19770224   | Mean greenwich time offset:    | PST                |
| Local standard time flag:     | Y  |                                |                    |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |                    |
| Aquifer Type:                 | Not Reported                                     |                                |                    |
| Aquifer:                      | Not Reported                                     |                                |                    |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported       |
| Source of depth data:         | Not Reported                                     |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported       |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported       |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported       |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported       |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported       |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported       |
| Ground water data count:      | Not Reported                                     |                                |                    |

Ground-water levels, Number of Measurements: 0

21  
NE  
1/2 - 1 Mile  
Higher

FED USGS USGS3229207

|                    |                 |                |                    |
|--------------------|-----------------|----------------|--------------------|
| Agency cd:         | USGS            | Site no:       | 390521121312401    |
| Site name:         | 014N004E04J001M |                |                    |
| Latitude:          | 390521          | EDR Site id:   | USGS3229207        |
| Longitude:         | 1213124         | Dec lat:       | 39.08905963        |
| Dec lon:           | -121.5244071    | Coor meth:     | M                  |
| Coor accr:         | S               | Latlong datum: | NAD27              |
| Dec latlong datum: | NAD83           | District:      | 06                 |
| State:             | 06              | County:        | 115                |
| Country:           | US              | Land net:      | SENESES04T14NR04EM |
| Location map:      | OLIVEHURST      | Map scale:     | 24000              |



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |              |
|-------------------------------|--|--------------------------------|--------------|
| Altitude:                     | 65.00  |                                |              |
| Altitude method:              | Interpolated from topographic map                |                                |              |
| Altitude accuracy:            | 2.5  |                                |              |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |              |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |              |
| Topographic:                  | Valley flat                                      |                                |              |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | Not Reported |
| Date inventoried:             | 19770208   | Mean greenwich time offset:    | PST          |
| Local standard time flag:     | Y  |                                |              |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |              |
| Aquifer Type:                 | Not Reported                                     |                                |              |
| Aquifer:                      | Not Reported                                     |                                |              |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported |
| Source of depth data:         | Not Reported                                     |                                |              |
| Project number:               | 7479433400                                       |                                |              |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported |
| Ground water data count:      | Not Reported                                     |                                |              |

Ground-water levels, Number of Measurements: 0

**22**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3229294**

|                            |  |                             |                    |
|----------------------------|--|-----------------------------|--------------------|
| Agency cd:                 | USGS   | Site no:                    | 390421121324801    |
| Site name:                 | 014N004E08Q001M                                  |                             |                    |
| Latitude:                  | 390421   | EDR Site id:                | USGS3229294        |
| Longitude:                 | 1213248  | Dec lat:                    | 39.07239315        |
| Dec lon:                   | -121.54774071                                    | Coor meth:                  | M                  |
| Coor accr:                 | S  | Latlong datum:              | NAD27              |
| Dec latlong datum:         | NAD83  | District:                   | 06                 |
| State:                     | 06   | County:                     | 115                |
| Country:                   | US   | Land net:                   | NESWSES08T14NR04EM |
| Location map:              | OLIVEHURST                                       | Map scale:                  | 24000              |
| Altitude:                  | 59.00  |                             |                    |
| Altitude method:           | Interpolated from topographic map                |                             |                    |
| Altitude accuracy:         | 2.5  |                             |                    |
| Altitude datum:            | National Geodetic Vertical Datum of 1929         |                             |                    |
| Hydrologic:                | Lower Feather. California. Area = 681 sq.mi.     |                             |                    |
| Topographic:               | Valley flat                                      |                             |                    |
| Site type:                 | Ground-water other than Spring                   | Date construction:          | 19690507           |
| Date inventoried:          | 19760323   | 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:                | 170  | Hole depth:                 | 170                |
| Source of depth data:      | driller  |                             |                    |
| Project number:            | 7479433400                                       |                             |                    |
| Real time data flag:       | 0  | Daily flow data begin date: | 0000-00-00         |
| Daily flow data end date:  | 0000-00-00                                       | Daily flow data count:      | 0                  |
| Peak flow data begin date: | 0000-00-00                                       | Peak flow data end date:    | 0000-00-00         |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
Water quality data end date: 0000-00-00  
Ground water data begin date: 1969-05-07  
Ground water data count: 1

Water quality data begin date: 0000-00-00  
Water quality data count: 0  
Ground water data end date: 1969-05-07

Ground-water levels, Number of Measurements: 1

| Date       | Feet below<br>Surface | Feet to<br>Sealevel |
|------------|-----------------------|---------------------|
| 1969-05-07 | 68.00                 |                     |

**23**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS3229370**

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390503121330901    |
| Site name:                    | 014N004E08C002M                                  | EDR Site id:                   | USGS3229370        |
| Latitude:                     | 390503   | Dec lat:                       | 39.08405965        |
| Longitude:                    | 1213309  | Coor meth:                     | M                  |
| Dec lon:                      | -121.55357447                                    | Latlong datum:                 | NAD27              |
| Coor accr:                    | S  | District:                      | 06                 |
| Dec latlong datum:            | NAD83  | County:                        | 115                |
| State:                        | 06   | Land net:                      | NENENWS08T14NR04EM |
| Country:                      | US   | Map scale:                     | 24000              |
| Location map:                 | OLIVEHURST                                       |                                |                    |
| Altitude:                     | 61.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | Not Reported       |
| Date inventoried:             | 19770227   | Mean greenwich time offset:    | PST                |
| Local standard time flag:     | Y  |                                |                    |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |                    |
| Aquifer Type:                 | Not Reported                                     |                                |                    |
| Aquifer:                      | Not Reported                                     |                                |                    |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported       |
| Source of depth data:         | Not Reported                                     |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported       |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported       |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported       |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported       |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported       |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported       |
| Ground water data count:      | Not Reported                                     |                                |                    |

Ground-water levels, Number of Measurements: 0

**24**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS3229304**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |                    |
|-------------------------------|--|--------------------------------|--------------------|
| Agency cd:                    | USGS   | Site no:                       | 390426121325701    |
| Site name:                    | 014N004E08K002M                                  |                                |                    |
| Latitude:                     | 390426   | EDR Site id:                   | USGS3229304        |
| Longitude:                    | 1213257  | Dec lat:                       | 39.07378202        |
| Dec lon:                      | -121.55024081                                    | Coor meth:                     | M                  |
| Coor accr:                    | S  | Latlong datum:                 | NAD27              |
| Dec latlong datum:            | NAD83  | District:                      | 06                 |
| State:                        | 06   | County:                        | 115                |
| Country:                      | US   | Land net:                      | SWNESES08T14NR04EM |
| Location map:                 | OLIVEHURST                                       | Map scale:                     | 24000              |
| Altitude:                     | 57.00  |                                |                    |
| Altitude method:              | Interpolated from topographic map                |                                |                    |
| Altitude accuracy:            | 2.5  |                                |                    |
| Altitude datum:               | National Geodetic Vertical Datum of 1929         |                                |                    |
| Hydrologic:                   | Lower Feather. California. Area = 681 sq.mi.     |                                |                    |
| Topographic:                  | Valley flat                                      |                                |                    |
| Site type:                    | Ground-water other than Spring                   | Date construction:             | Not Reported       |
| Date inventoried:             | 19770217   | Mean greenwich time offset:    | PST                |
| Local standard time flag:     | Y  |                                |                    |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |                    |
| Aquifer Type:                 | Not Reported                                     |                                |                    |
| Aquifer:                      | Not Reported                                     |                                |                    |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported       |
| Source of depth data:         | Not Reported                                     |                                |                    |
| Project number:               | 7479433400                                       |                                |                    |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported       |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported       |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported       |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported       |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported       |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported       |
| Ground water data count:      | Not Reported                                     |                                |                    |

Ground-water levels, Number of Measurements: 0

**25  
SE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3229472**

|                    |  |                             |                    |
|--------------------|--|-----------------------------|--------------------|
| Agency cd:         | USGS   | Site no:                    | 390416121312701    |
| Site name:         | 014N004E09R001M                              |                             |                    |
| Latitude:          | 390416                                       | EDR Site id:                | USGS3229472        |
| Longitude:         | 1213127                                      | Dec lat:                    | 39.07100432        |
| Dec lon:           | -121.52524003                                | Coor meth:                  | M                  |
| Coor accr:         | S  | Latlong datum:              | NAD27              |
| Dec latlong datum: | NAD83  | District:                   | 06                 |
| State:             | 06   | County:                     | 115                |
| Country:           | US   | Land net:                   | SESESES09T14NR04EM |
| Location map:      | OLIVEHURST                                   | Map scale:                  | 24000              |
| Altitude:          | 50.00  |                             |                    |
| Altitude method:   | Interpolated from topographic map            |                             |                    |
| Altitude accuracy: | 2.5  |                             |                    |
| Altitude datum:    | National Geodetic Vertical Datum of 1929     |                             |                    |
| Hydrologic:        | Lower Feather. California. Area = 681 sq.mi. |                             |                    |
| Topographic:       | Valley flat                                  |                             |                    |
| Site type:         | Ground-water other than Spring               | Date construction:          | Not Reported       |
| Date inventoried:  | 19770209                                     | Mean greenwich time offset: | PST                |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                               |  |                                |              |
|-------------------------------|--|--------------------------------|--------------|
| Local standard time flag:     | Y  |                                |              |
| Type of ground water site:    | Single well, other than collector or Ranney type |                                |              |
| Aquifer Type:                 | Not Reported                                     |                                |              |
| Aquifer:                      | Not Reported                                     |                                |              |
| Well depth:                   | Not Reported                                     | Hole depth:                    | Not Reported |
| Source of depth data:         | Not Reported                                     |                                |              |
| Project number:               | 7479433400                                       |                                |              |
| Real time data flag:          | Not Reported                                     | Daily flow data begin date:    | Not Reported |
| Daily flow data end date:     | Not Reported                                     | Daily flow data count:         | Not Reported |
| Peak flow data begin date:    | Not Reported                                     | Peak flow data end date:       | Not Reported |
| Peak flow data count:         | Not Reported                                     | Water quality data begin date: | Not Reported |
| Water quality data end date:  | Not Reported                                     | Water quality data count:      | Not Reported |
| Ground water data begin date: | Not Reported                                     | Ground water data end date:    | Not Reported |
| Ground water data count:      | Not Reported                                     |                                |              |

Ground-water levels, Number of Measurements: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

Federal EPA Radon Zone for YUBA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

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

: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for YUBA COUNTY, CA

Number of sites tested: 14

| Area                    | Average Activity | % <4 pCi/L   | % 4-20 pCi/L | % >20 pCi/L  |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | 1.250 pCi/L      | 93%          | 7%           | 0%           |
| Living Area - 2nd Floor | Not Reported     | Not Reported | Not Reported | Not Reported |
| Basement                | 1.600 pCi/L      | 100%         | 0%           | 0%           |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## **TOPOGRAPHIC INFORMATION**

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 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 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

## **HYDROGEOLOGIC INFORMATION**

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

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

## **GEOLOGIC INFORMATION**

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

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.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

### STREET AND ADDRESS INFORMATION

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## **Appendix E**

Off-Site Facility Information

**TELEPHONE MEMORANDUM**  
**RV009363.0013**

Date: December 2, 2011

To: RWQCB or Yuba County Environmental Health – Clark Pickell 530-749-5450 tel.

From: Scott Hackman 530-749-5454 fax.

Subject: Historical Site Information: Site-4347 Evelyn Dr, Olivehurst, CA  
Off-site – Sierra View Memorial Park, 4900 Olive Ave, Marysville, CA

---

12/2/11 @ 10:30 – received a message from Mary-Ann Walton of the RWQCB (916-464-3293). She has sent the information request to their UST group, but at this time they have no records for either of these sites. The lead for the Sierra View Memorial Park (4900 Olive Ave, Marysville, CA) is the YCEHD so she directed me to them.

12/9/11 @11:00 - Visit Yuba County Environmental Health Office.

No files available for 4347 Evelyn Drive.

Files available for Sierra View Memorial Park.

Facility is subject to Hazardous Material Business Plan and Inventory Program and Hazardous Waste Generator Program.

2011 Inventory

220 cu. ft. oxygen cylinder  
108 cu. ft. acetylene cylinder  
250 gallon diesel aboveground storage tank  
750 gallon gasoline aboveground storage tank  
55-gallon drum –motor oil  
55-gallon drum – used oil  
35-gallon – biohazard waste  
universal waste (quantity unspecified)

March 1990 – Two USTs removed (one 4,000-gallon diesel tank, one 300-gallon gas tank).  
Petroleum release documented.

May 1990 – Third UST (550-gallon gas tank) encountered during over excavation of soil.

August 1990 – Contamination Delineation Work Plan approved by YCEHD

---

October 1990 – Roger Foott Associates, Inc. Report document no contamination greater than 10 feet below ground surface (bgs). Groundwater reported at 50 feet bgs. Groundwater flow direction reported to east. Recommended remediation.

February 1991- Yuba County request installation of well

November 1991 – Well Installed by Raney Geotechnical, depth to water reported at 52.4 feet bgs. No detection in GW samples, soil impacts documented to 20 ft bgs.

December 1991 – Yuba County reviews Raney Geotechnical report and requests wells to groundwater flow direction determination.

January 1992 – Regional Water Quality Control Board requests additional soil samples to delineate extent.

March 1992 – Raney Geotechnical presents work plan for soil excavation and onsite remediation through soil aeration

-Yuba County approved Raney Geotechnical work plan but may require additional soil confirmation samples.

May 1992 – Soil excavation, monitoring well removed during over excavation, soil confirmation samples collected.

August 1992 – RAMCON presents work plan for soil aeration

June 1993 – Closure Report submitted to Yuba County for tank removal and soil aeration. 800 cubic yards of soil remediation through aeration Soil confirmation samples were below laboratory reporting limits for gasoline and BTEX compounds. Recommending no additional treatment and to leave soil on site.

June 16, 1993 – Yuba County closes case for site.



## Department of Toxic Substances Control



Linda S. Adams  
Secretary for  
Environmental Protection

Maureen F. Gorsen, Director  
8800 Cal Center Drive  
Sacramento, California 95826



Arnold Schwarzenegger  
Governor

November 5, 2008

Mr. Mark Allgire  
Marysville Joint Unified School District  
1919 B Street  
Marysville, California 95901

APPROVAL OF PHASE I ENVIRONMENTAL SITE ASSESSMENT, PHASE I  
ADDENDUM AND ENVIRONMENTAL HAZARDS SURVEY, PROPOSED LINDHURST  
HIGH SCHOOL, 4446 OLIVE DRIVE, OLIVEHURST, YUBA COUNTY  
(SITE CODE 104651)

Dear Mr. Allgire:

The Department of Toxic Substances Control (DTSC) reviewed the "Phase I Environmental Site Assessment, Phase I Addendum and Environmental Hazards Survey" (Phase I Addendum - Padre Associates, Inc., September 26, 2008) received on October 14, 2008.

According to the Phase I Addendum, the modernization project covers approximately 25 acres of the 34 acre existing Lindhurst High School site. The original Lindhurst High School was built in 1974 and the site was undeveloped grassland prior to construction of the school. Based on the Phase I Environmental Assessment findings, the only recognized environmental conditions at the site were lead from lead-based paint, organochlorine pesticides (OCPs) from termiticide application, and polychlorinated biphenyls (PCBs) from an electrical transformer.

The Phase I Addendum presents the findings of the soil investigation for lead, OCPs, and PCBs. The Phase I Addendum concludes PCBs were not detected above their respective analytical reporting limits, lead was detected at concentrations from <2.5 to 62 milligrams per kilogram, and that dieldrin was detected in the composite sample at a concentration of 15 micrograms per kilogram, but below the respective analytical method in the four discrete soil samples that comprised the composite sample. Consequently, the Phase I Addendum recommends no further action for the site.

Although information regarding asbestos containing material (ACM) was not provided in the Phase I or Phase I Addendum, the Marysville Joint Unified School District (District)

Mr. Mark Allgire  
November 5, 2008  
Page 2


is responsible for complying with federal, state, and local requirements for mitigation, management, or removal of ACM.

Based on the information provided in the Phase I and Phase I Addendum, and a site visit conducted by DTSC on November 4, 2008, neither a release of hazardous material nor the presence of a naturally occurring hazardous material, which would pose a threat to public health or the environment under unrestricted land use, was indicated at the site. DTSC concurs with the Phase I Addendum conclusion that further environmental investigation of the site is not required and hereby approves the Phase I Addendum.

Pursuant to Education Code §17213.2(e), if a previously unidentified release or threatened release of a hazardous material or the presence of a naturally occurring hazardous material is discovered anytime during construction at the site, the District shall cease all construction activities at the site and notify DTSC. Additional assessment, investigation or cleanup may be required.

If you have any questions regarding these comments or the project, please contact me at (916) 255-3695 or at [bduke@dtsc.ca.gov](mailto:bduke@dtsc.ca.gov).

Sincerely,



Bud Duke, P.G.  
Project Manager  
Schools Team– Sacramento Office  
Brownfields and Environmental Restoration Program

cc: (via e-mail)

Mr. Michael O'Neill  
California Department of Education  
[MOneill@cde.ca.gov](mailto:MOneill@cde.ca.gov)

Mr. Alan J. Klein, R.E.A. II  
Senior Environmental Scientist  
Padre Associates, Inc.  
[aklein@padreinc.com](mailto:aklein@padreinc.com)

Ms. Michal Healy  
Marysville Joint Unified School  
District  
[mhealy@mjusd.k12.ca.us](mailto:mhealy@mjusd.k12.ca.us)

Mr. John Palmer  
School Site Solutions, Inc.  
[jpalmer@schoolsitesolutions.com](mailto:jpalmer@schoolsitesolutions.com)



## **Appendix F**

Site Photographs



Photo1: View of undeveloped site, facing north from Evelyn Drive. Lindhurst High School is visible beyond the chain link fence in the background of the photograph.



Photo 2: View of east property boundary and adjacent residence addressed 4345 Evelyn Drive. Photograph was taken facing east from the west portion of Site.





Photo 3: View of west property boundary and adjacent residence addressed 4349 Evelyn Drive. Photograph was taken from Evelyn Drive facing north.



Photo 4: View of north property boundary, facing west from northeast corner of property. Distressed vegetation and food grade debris are visible in foreground of photograph.



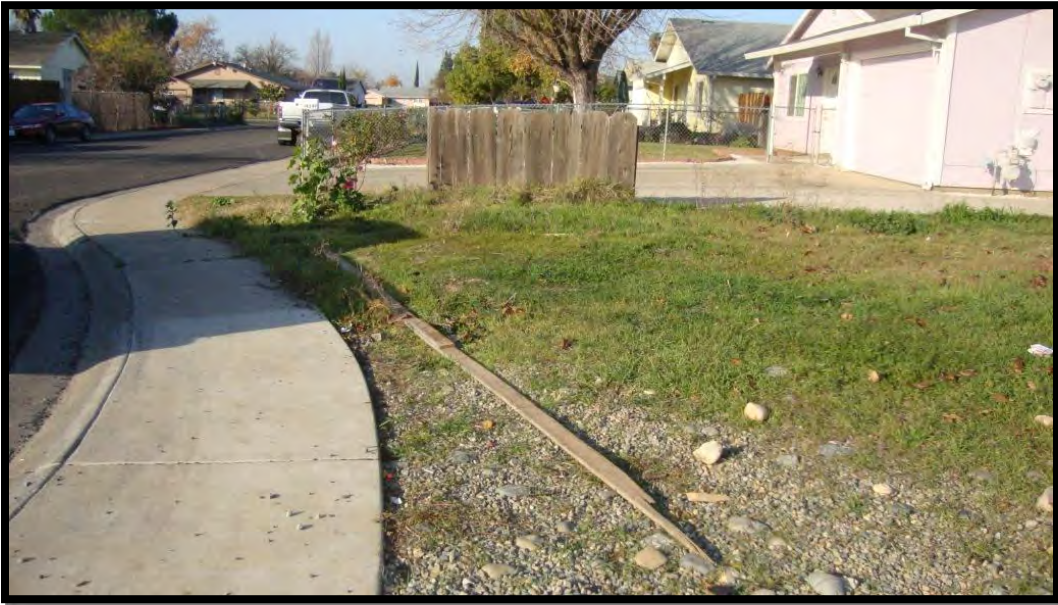


Photo 5: View of south property boundary, facing west. Sidewalk and Evelyn Drive south of the Site are visible on the left side of the photograph. Gravel and wood debris are visible in foreground of photograph.



Photo 6: View of wooden post with cables and piping, assumed utilities for the Site. Photograph taken facing west.



Photo 7: View of Evelyn Drive and site vicinity, facing southwest from southern property boundary.



Photo 8: View of large water storage above ground tank located approximately 1,125 feet west of the Site.

## **Appendix A Addendum**

*Phase I Environmental Site Assessment  
Clarification Letter*





Ms. Michal Healy Lovin  
Director of Planning and Design  
Marysville Joint Unified School District  
1919 B Street  
Marysville, California 95901

Subject:

Recommendation Clarification for the *Phase I Environmental Site Assessment Report*, dated May 2, 2012  
4347 Evelyn Drive  
Olivehurst, California

Dear Michal:

ARCADIS U.S., Inc., (ARCADIS) prepared the *Phase I Environmental Site Assessment Report*, dated May 2, 2012 on behalf of the Marysville Joint Unified School District (MJUSD) for the property located at 4347 Evelyn Drive in Olivehurst, Yuba County, California (Site). Based on the assumed date of construction associated with the former on-site structure (1978), ARCADIS noted that materials painted with lead-based paint (LBP) and/or asbestos containing materials (ACMs) may have been used in construction of the residence and released into site soil during demolition. In addition, organochlorine pesticides (OCPs) may be present in site soil from termiticide application around the former structure. ARCADIS recommended that a soil sampling and analysis program for lead, asbestos, and OCPs be performed for the Site to evaluate the potential presence of these compounds. ARCADIS understands that a soil sampling and analysis program has not been performed at the Site to date.

ARCADIS understands that the Site has been acquired by MJUSD and that current plans include developing the Site in the near future (summer 2013) with a paved walkway and landscaped areas as a school access route for students attending the adjacent Lindhurst High School.

According to the United States Environmental Protection Agency (U.S. EPA) and California Department of Toxic Substances Control (DTSC) risk assessment guidelines (U.S. EPA 1989, DTSC1996), exposure pathways consist of four necessary elements:

Imagine the result

ARCADIS U.S., Inc.  
1410 Rocky Ridge Drive  
Suite 330  
Roseville  
California 95661  
Tel 916 786 0320  
Fax 916 786 0366  
[www.arcadis-us.com](http://www.arcadis-us.com)

ENVIRONMENT

Date:  
March 19, 2013

Contact:  
Scott Hackman

Phone:  
916.786.7369

Email:  
[scott.hackman@arcadis-us.com](mailto:scott.hackman@arcadis-us.com)

Our ref:  
RV009363.0013



- a source and mechanism of chemical release,
- a retention or transport medium (or media in cases involving media transfer),
- a point of potential human contact with the contaminated medium (referred to as an exposure point), and
- an exposure route (e.g., soil contact) at the exposure point.

A pathway is considered “complete” only if these four conditions are met. Residual compounds, if any, in native site soil would not be expected to cause a human health risk if the pathway is incomplete.

Placing paving cover and landscaped areas (which have at least 2 feet of “clean” fill material above native soil) across the Site will result in an incomplete exposure pathway (no direct and indirect contact to possibly affected native soil) by site uses (students, trespassers, etc.). ARCADIS assumes the fill material used in the landscaped areas and potential soil removed from the site during development (if any) will be properly characterized. It should be noted that the presence of paving cover may help reduce/prevent the infiltration of surface water into the subsurface; however, fill material in the landscaped areas may not inhibit chemical leaching from possibly affected soil deeper to the subsurface.

Based on the lack of complete exposure pathways and which eliminates the potential risk to human health as defined by risk assessment guidelines (U.S. EPA 1989, DTSC1996), a site investigation does not appear warranted at this time. ARCADIS recommends that the paving cover and landscaped areas be maintained to prevent exposure to native soil and that a site investigation be performed if future site use changes from that currently proposed.

If you have any questions or comments concerning this report, please call either of the undersigned at (916) 786-0320.

Sincerely,

ARCADIS U.S., Inc.



Scott Hackman  
Senior Environmental Scientist



Janet Holtz  
Principal Environmental Scientist

Copies:  
None

References:

California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). 1996. Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities. July 1992, reprinted September 1993, corrected and reprinted August 1996.

United States Environmental Protection Agency (USEPA). 1989. Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part A) EPA/540/1-89/002. Office of Emergency and Remedial Response, U.S. Environmental Protection Agency, Washington, D.C

## **Appendix B**

---

### *Construction Air Contaminant Emissions*



## Road Construction Emissions Model

Version 6.3.2

### Data Entry Worksheet

Note: Required data input sections have a yellow background.

Optional data input sections have a blue background. Only areas with a yellow or blue background can be modified. Program defaults have a white background.

The user is required to enter information in cells C10 through C25.



#### Input Type

|  |                        |  |
|--|------------------------|--|
| Project Name                                 | MJUSD Lindhurst Access |  |
| Construction Start Year                      | 2013                   | Enter a Year between 2005 and 2025 (inclusive)                               |
| Project Type                                 | 1                      | 1 New Road Construction<br>2 Road Widening<br>3 Bridge/Overpass Construction |
| Project Construction Time                    | 2.0                    | months   |
| Predominant Soil/Site Type: Enter 1, 2, or 3 | 1                      | 1. Sand Gravel<br>2. Weathered Rock-Earth<br>3. Blasted Rock                 |
| Project Length                               | 0.25                   | miles  |
| Total Project Area                           | 0.2                    | acres  |
| Maximum Area Disturbed/Day                   | 0.0                    | acres  |
| Water Trucks Used?                           | 2                      | 1. Yes 2.  |
| Soil Imported                                | 0.0                    | yd <sup>3</sup> /day   |
| Soil Exported                                | 0.0                    | yd <sup>3</sup> /day   |
| Average Truck Capacity                       | 0.0                    | yd <sup>3</sup> (assume 20 if unknown)                                       |

To begin a new project, click this button to clear data previously entered. This button will only work if you opted not to disable macros when loading this spreadsheet.

The remaining sections of this sheet contain areas that can be modified by the user, although those modifications are optional.

Note: The program's estimates of construction period phase length can be overridden in cells C34 through C37.

| Construction Periods         |  | User Override of<br>Construction Months | Program<br>Calculated<br>Months | 2005 | %    | 2006 | %    | 2007 | %    |
|------------------------------|--|---|---------------------------------|------|------|------|------|------|------|
| Grubbing/Land Clearing       |  |   | 0.20                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Grading/Excavation           |  |   | 0.80                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Drainage/Utilities/Sub-Grade |  |   | 0.70                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Paving                       |  |   | 0.30                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| <b>Totals</b>                |  | 0.00                                    | 2.00                            |      |      |      |      |      |      |

Hauling emission default values can be overridden in cells C45 through C46.

| Soil Hauling Emissions                  |     | User Override of<br>Soil Hauling Defaults | Default Values |
|---|-----|---|----------------|
| User Input                              |     |   |                |
| Miles/round trip                        |     | 0.00                                      | 30             |
| Round trips/day                         |     | 0.00                                      | #DIV/0!        |
| Vehicle miles traveled/day (calculated) |     |   | 0              |
| Hauling Emissions                       | ROG | NOx                                       | CO             |
|   |     | PM10                                      | PM2.5          |
|   |     |   | CO2            |



|                              |         |         |         |         |         |         |
|------------------------------|---------|---------|---------|---------|---------|---------|
| Emission rate (grams/mile)   | 0.84    | 10.25   | 5.45    | 0.40    | 0.33    | 1874.76 |
| Emission rate (grams/trip)   | 10.32   | 7.57    | 172.85  | 0.01    | 0.01    | 199.87  |
| Pounds per day               | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| Tons per construction period | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |

Worker commute default values can be overridden in cells C60 through C65.

| Worker Commute Emissions                               |       |                |       |       |       |         |
|--|-------|----------------|-------|-------|-------|---------|
| User Override of Worker                                |       |                |       |       |       |         |
| Commute Default Values                                 |       | Default Values |       |       |       |         |
| Miles/ one-way trip                                    |       | 20             |       |       |       |         |
| One-way trips/day                                      |       | 2              |       |       |       |         |
| No. of employees: Grubbing/Land Clearing               |       | 3              |       |       |       |         |
| No. of employees: Grading/Excavation                   |       | 6              |       |       |       |         |
| No. of employees: Drainage/Utilities/Sub-Grade         |       | 6              |       |       |       |         |
| No. of employees: Paving                               |       | 4              |       |       |       |         |
|  |       |                |       |       |       |         |
|  | ROG   | NOx            | CO    | PM10  | PM2.5 | CO2     |
| Emission rate - Grubbing/Land Clearing (grams/mile)    | 0.118 | 0.211          | 2.201 | 0.033 | 0.018 | 426.660 |
| Emission rate - Grading/Excavation (grams/mile)        | 0.118 | 0.211          | 2.201 | 0.033 | 0.018 | 426.660 |
| Emission rate - Draining/Utilities/Sub-Grade (gr/mile) | 0.118 | 0.211          | 2.201 | 0.033 | 0.018 | 426.660 |
| Emission rate - Paving (grams/mile)                    | 0.118 | 0.211          | 2.201 | 0.033 | 0.018 | 426.660 |
| Emission rate - Grubbing/Land Clearing (grams/trip)    | 0.746 | 0.316          | 7.305 | 0.130 | 0.013 | 192.690 |
| Emission rate - Grading/Excavation (grams/trip)        | 0.746 | 0.316          | 7.305 | 0.130 | 0.013 | 192.690 |
| Emission rate - Draining/Utilities/Sub-Grade (gr/trip) | 0.746 | 0.316          | 7.305 | 0.130 | 0.013 | 192.690 |
| Emission rate - Paving (grams/trip)                    | 0.746 | 0.316          | 7.305 | 0.130 | 0.013 | 192.690 |
| Pounds per day - Grubbing/Land Clearing                | 0.053 | 0.067          | 0.807 | 0.013 | 0.005 | 122.778 |
| Tons per const. Period - Grub/Land Clear               | 0.000 | 0.000          | 0.002 | 0.000 | 0.000 | 0.270   |
| Pounds per day - Grading/Excavation                    | 0.053 | 0.067          | 0.807 | 0.013 | 0.005 | 122.778 |
| Tons per const. Period - Grading/Excavation            | 0.000 | 0.001          | 0.007 | 0.000 | 0.000 | 1.080   |
| Pounds per day - Drainage/Utilities/Sub-Grade          | 0.053 | 0.067          | 0.807 | 0.013 | 0.005 | 122.778 |
| Tons per const. Period - Drain/Util/Sub-Grade          | 0.000 | 0.001          | 0.006 | 0.000 | 0.000 | 0.945   |
| Pounds per day - Paving                                | 0.066 | 0.067          | 0.807 | 0.013 | 0.005 | 169.767 |
| Tons per const. Period - Paving                        | 0.000 | 0.000          | 0.003 | 0.000 | 0.000 | 0.560   |
| tons per construction period                           | 0.001 | 0.001          | 0.018 | 0.000 | 0.000 | 2.856   |

Water truck default values can be overridden in cells C91 through C93 and E91 through E93.

| Water Truck Emissions                                  |  | User Override of<br>Default # Water Trucks | Program Estimate of<br>Number of Water Trucks | User Override of Truck<br>Miles Traveled/Day | Default Values<br>Miles Traveled/Day |       |         |
|--|--|--|---|--|--------------------------------------|-------|---------|
| Grubbing/Land Clearing - Exhaust                       |  |  | 0   |  | 0                                    |       |         |
| Grading/Excavation - Exhaust                           |  |  | 0   |  | 0                                    |       |         |
| Drainage/Utilities/Subgrade                            |  |  | 0   |  | 0                                    |       |         |
|  |  | ROG  | NOx   | CO   | PM10                                 | PM2.5 | CO2     |
| Emission rate - Grubbing/Land Clearing (grams/mile)    |  | 0.84                                       | 10.25   | 5.45   | 0.40                                 | 0.33  | 1874.76 |
| Emission rate - Grading/Excavation (grams/mile)        |  | 0.84                                       | 10.25   | 5.45   | 0.40                                 | 0.33  | 1874.76 |
| Emission rate - Draining/Utilities/Sub-Grade (gr/mile) |  | 0.84                                       | 10.25   | 5.45   | 0.40                                 | 0.33  | 1874.76 |
| Pounds per day - Grubbing/Land Clearing                |  | 0.00                                       | 0.00  | 0.00   | 0.00                                 | 0.00  | 0.00    |
| Tons per const. Period - Grub/Land Clear               |  | 0.00                                       | 0.00  | 0.00   | 0.00                                 | 0.00  | 0.00    |
| Pound per day - Grading/Excavation                     |  | 0.00                                       | 0.00  | 0.00   | 0.00                                 | 0.00  | 0.00    |
| Tons per const. Period - Grading/Excavation            |  | 0.00                                       | 0.00  | 0.00   | 0.00                                 | 0.00  | 0.00    |

|  |      |      |      |      |      |      |
|--|------|------|------|------|------|------|
| Pound per day - Drainage/Utilities/Subgrade          | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tons per const. Period - Drainage/Utilities/Subgrade | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Fugitive dust default values can be overridden in cells C110 through C112.

| Fugitive Dust                               | User Override of Max<br>Acreage Disturbed/Day | Default<br>Maximum Acreage/Day | PM10<br>pounds/day | PM10<br>tons/per period | PM2.5<br>pounds/day | PM2.5<br>tons/per period |
|---|---|--------------------------------|--------------------|-------------------------|---------------------|--------------------------|
| Fugitive Dust - Grubbing/Land Clearing      |   | 0.04                           | 0.8                | 0.0                     | 0.2                 | 0.0                      |
| Fugitive Dust - Grading/Excavation          |   | 0.04                           | 0.8                | 0.0                     | 0.2                 | 0.0                      |
| Fugitive Dust - Drainage/Utilities/Subgrade |   | 0.04                           | 0.8                | 0.0                     | 0.2                 | 0.0                      |

| Off-Road Equipment Emissions           |  |                               |                                    |            |            |            |            |            |            |
|--|--|-------------------------------|------------------------------------|------------|------------|------------|------------|------------|------------|
| Grubbing/Land Clearing                 |  | Default<br>Number of Vehicles |                                    | ROG        | CO         | NOx        | PM10       | PM2.5      | CO2        |
| Override of Default Number of Vehicles |  | Program-estimate              | Type                               | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day |
|  |  |                               | Aerial Lifts                       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Air Compressors                    | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Bore/Drill Rigs                    | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Cement and Mortar Mixers           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Concrete/Industrial Saws           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Cranes                             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Crushing/Proc. Equipment           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Excavators                         | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Forklifts                          | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Generator Sets                     | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Graders                            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Off-Highway Tractors               | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Off-Highway Trucks                 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Other Construction Equipment       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Other General Industrial Equipment | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Other Material Handling Equipment  | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Pavers                             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Paving Equipment                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Plate Compactors                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Pressure Washers                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Pumps                              | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Rollers                            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Rough Terrain Forklifts            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00                                   |  | 1                             | Rubber Tired Dozers                | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Rubber Tired Loaders               | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00                                   |  | 1                             | Scrapers                           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  | 1                             | Signal Boards                      | 0.20       | 0.59       | 0.58       | 0.05       | 0.05       | 61.45      |
|  |  |                               | Skid Steer Loaders                 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Surfacing Equipment                | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Sweepers/Scrubbers                 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 1.00                                   |  |                               | Tractors/Loaders/Backhoes          | 0.18       | 2.14       | 1.18       | 0.04       | 0.04       | 327.38     |
|  |  |                               | Trenchers                          | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |  |                               | Welders                            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |

|  |                        |                |     |     |     |     |     |       |
|--|------------------------|----------------|-----|-----|-----|-----|-----|-------|
|  | Grubbing/Land Clearing | pounds per day | 0.4 | 2.7 | 1.8 | 0.1 | 0.1 | 388.8 |
|  | Grubbing/Land Clearing | tons per phase | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9   |

| Grading/Excavation                     | Default            |                                    | ROG        | CO         | NOx        | PM10       | PM2.5      | CO2        |
|--|--------------------|------------------------------------|------------|------------|------------|------------|------------|------------|
|  | Number of Vehicles | Type                               |            |            |            |            |            |            |
| Override of Default Number of Vehicles | Program-estimate   |                                    | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day |
|  |                    | Aerial Lifts                       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Air Compressors                    | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Bore/Drill Rigs                    | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Cement and Mortar Mixers           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Concrete/Industrial Saws           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | 0 Cranes                           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Crushing/Proc. Equipment           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00                                   | 1                  | Excavators                         | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Forklifts                          | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Generator Sets                     | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00                                   | 1                  | Graders                            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Off-Highway Tractors               | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Off-Highway Trucks                 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | 0 Other Construction Equipment     | 0.00       | 0.01       | 0.01       | 0.00       | 0.00       | 1.15       |
|  |                    | Other General Industrial Equipment | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Other Material Handling Equipment  | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Pavers                             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Paving Equipment                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Plate Compactors                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Pressure Washers                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Pumps                              | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Rollers                            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Rough Terrain Forklifts            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Rubber Tired Dozers                | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00                                   | 1                  | Rubber Tired Loaders               | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00                                   | 1                  | Scrapers                           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  | 1                  | Signal Boards                      | 0.20       | 0.59       | 0.58       | 0.05       | 0.05       | 61.45      |
|  |                    | Skid Steer Loaders                 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Surfacing Equipment                | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Sweepers/Scrubbers                 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 1.00                                   |                    | Tractors/Loaders/Backhoes          | 0.18       | 2.14       | 1.18       | 0.04       | 0.04       | 327.38     |
|  |                    | Trenchers                          | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Welders                            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  | Grading/Excavation | pounds per day                     | 0.4        | 2.7        | 1.8        | 0.1        | 0.1        | 390.0      |
|  | Grading            | tons per phase                     | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 3.4        |

| Drainage/Utilities/Subgrade            | Default            |                          | ROG        | CO         | NOx        | PM10       | PM2.5      | CO2        |
|--|--------------------|--------------------------|------------|------------|------------|------------|------------|------------|
|  | Number of Vehicles | Type                     |            |            |            |            |            |            |
| Override of Default Number of Vehicles | Program-estimate   |                          | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day |
|  |                    | Aerial Lifts             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Air Compressors          | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Bore/Drill Rigs          | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Cement and Mortar Mixers | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Concrete/Industrial Saws | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|  |                    | Cranes                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |

|      |          |                                    |      |      |      |      |      |        |
|------|----------|------------------------------------|------|------|------|------|------|--------|
|      |          | Crushing/Proc. Equipment           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Excavators                         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Forklifts                          | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Generator Sets                     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
| 0.00 | 1        | Graders                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Off-Highway Tractors               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Off-Highway Trucks                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Other Construction Equipment       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Other General Industrial Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Other Material Handling Equipment  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Pavers                             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Paving Equipment                   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
| 0.00 | 1        | Plate Compactors                   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Pressure Washers                   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Pumps                              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Rollers                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Rough Terrain Forklifts            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Rubber Tired Dozers                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Rubber Tired Loaders               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
| 0.00 | 1        | Scrapers                           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      | 1        | Signal Boards                      | 0.20 | 0.59 | 0.58 | 0.05 | 0.05 | 61.45  |
|      |          | Skid Steer Loaders                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Surfacing Equipment                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Sweepers/Scrubbers                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      |          | Tractors/Loaders/Backhoes          | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      | 1        | Trenchers                          | 0.70 | 2.55 | 4.29 | 0.37 | 0.34 | 353.84 |
|      |          | Welders                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|      | Drainage | pounds per day                     | 0.9  | 3.1  | 4.9  | 0.4  | 0.4  | 415.3  |
|      | Drainage | tons per phase                     | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 3.2    |

| Paving | Default                                |                                    | ROG        | CO         | NOx        | PM10       | PM2.5      | CO2        |
|--------|--|------------------------------------|------------|------------|------------|------------|------------|------------|
|        | Number of Vehicles                     |                                    |            |            |            |            |            |            |
|        | Override of Default Number of Vehicles | Type                               |            |            |            |            |            |            |
|        | Program-estimate                       |                                    | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day | pounds/day |
|        |  | Aerial Lifts                       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Air Compressors                    | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Bore/Drill Rigs                    | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Cement and Mortar Mixers           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Concrete/Industrial Saws           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Cranes                             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Crushing/Proc. Equipment           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Excavators                         | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Forklifts                          | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Generator Sets                     | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Graders                            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Off-Highway Tractors               | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Off-Highway Trucks                 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Other Construction Equipment       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Other General Industrial Equipment | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Other Material Handling Equipment  | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00   | 1                                      | Pavers                             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 0.00   | 1                                      | Paving Equipment                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
|        |  | Plate Compactors                   | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |

|  |        |                           |      |      |      |      |      |        |
|--|--------|---------------------------|------|------|------|------|------|--------|
|  |        | Pressure Washers          | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Pumps                     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  | 1      | Rollers                   | 0.50 | 2.07 | 3.18 | 0.27 | 0.25 | 299.86 |
|  |        | Rough Terrain Forklifts   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Rubber Tired Dozers       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Rubber Tired Loaders      | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Scrapers                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  | 1      | Signal Boards             | 0.20 | 0.59 | 0.58 | 0.05 | 0.05 | 61.45  |
|  |        | Skid Steer Loaders        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Surfacing Equipment       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Sweepers/Scrubbers        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Tractors/Loaders/Backhoes | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Trenchers                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  |        | Welders                   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
|  | Paving | pounds per day            | 0.7  | 2.7  | 3.8  | 0.3  | 0.3  | 361.3  |
|  | Paving | tons per phase            | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.2    |
| <b>Total Emissions all Phases (tons per construction period) =&gt;</b> |        |                           | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 8.7    |

Equipment default values for horsepower, load factor, and hours/day can be overridden in cells C285 through C317, E285 through E317, and G285 through G317.

| Equipment                          |  | Default Values<br>Horsepower |  | Default Values<br>Load Factor |  | Default Values<br>Hours/day |
|------------------------------------|--|------------------------------|--|-------------------------------|--|-----------------------------|
| Aerial Lifts                       |  | 60                           |  | 0.46                          |  | 8                           |
| Air Compressors                    |  | 106                          |  | 0.48                          |  | 8                           |
| Bore/Drill Rigs                    |  | 291                          |  | 0.75                          |  | 8                           |
| Cement and Mortar Mixers           |  | 10                           |  | 0.56                          |  | 8                           |
| Concrete/Industrial Saws           |  | 19                           |  | 0.73                          |  | 8                           |
| Cranes                             |  | 399                          |  | 0.43                          |  | 8                           |
| Crushing/Proc. Equipment           |  | 142                          |  | 0.78                          |  | 8                           |
| Excavators                         |  | 168                          |  | 0.57                          |  | 8                           |
| Forklifts                          |  | 145                          |  | 0.30                          |  | 8                           |
| Generator Sets                     |  | 549                          |  | 0.74                          |  | 8                           |
| Graders                            |  | 174                          |  | 0.61                          |  | 8                           |
| Off-Highway Tractors               |  | 267                          |  | 0.65                          |  | 8                           |
| Off-Highway Trucks                 |  | 479                          |  | 0.57                          |  | 8                           |
| Other Construction Equipment       |  | 75                           |  | 0.62                          |  | 8                           |
| Other General Industrial Equipment |  | 238                          |  | 0.51                          |  | 8                           |
| Other Material Handling Equipment  |  | 191                          |  | 0.59                          |  | 8                           |
| Pavers                             |  | 100                          |  | 0.62                          |  | 8                           |
| Paving Equipment                   |  | 104                          |  | 0.53                          |  | 8                           |
| Plate Compactors                   |  | 8                            |  | 0.43                          |  | 8                           |
| Pressure Washers                   |  | 1                            |  | 0.60                          |  | 8                           |
| Pumps                              |  | 53                           |  | 0.74                          |  | 8                           |
| Rollers                            |  | 95                           |  | 0.56                          |  | 8                           |
| Rough Terrain Forklifts            |  | 93                           |  | 0.60                          |  | 8                           |
| Rubber Tired Dozers                |  | 357                          |  | 0.59                          |  | 8                           |
| Rubber Tired Loaders               |  | 157                          |  | 0.54                          |  | 8                           |
| Scrapers                           |  | 313                          |  | 0.72                          |  | 8                           |
| Signal Boards                      |  | 20                           |  | 0.78                          |  | 8                           |
| Skid Steer Loaders                 |  | 44                           |  | 0.55                          |  | 8                           |

|                           |  |     |  |      |  |   |
|---------------------------|--|-----|--|------|--|---|
| Surfacing Equipment       |  | 362 |  | 0.45 |  | 8 |
| Sweepers/Scrubbers        |  | 91  |  | 0.68 |  | 8 |
| Tractors/Loaders/Backhoes |  | 108 |  | 0.55 |  | 8 |
| Trenchers                 |  | 63  |  | 0.75 |  | 8 |
| Welders                   |  | 45  |  | 0.45 |  | 8 |

## Road Construction Emissions Model, Version 6.3.2

| Emission Estimates for -> MJUSD Lindhurst Access   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
|--|---------------|--------------|---------------|----------------------|------------------------|------------------------------|-----------------------|-------------------------|-------------------------------|---------------|--|
| Project Phases (English Units)   | ROG (lbs/day) | CO (lbs/day) | NOx (lbs/day) | Total PM10 (lbs/day) | Exhaust PM10 (lbs/day) | Fugitive Dust PM10 (lbs/day) | Total PM2.5 (lbs/day) | Exhaust PM2.5 (lbs/day) | Fugitive Dust PM2.5 (lbs/day) | CO2 (lbs/day) |  |
| Grubbing/Land Clearing   | 0.4           | 3.5          | 1.8           | 0.9                  | 0.1                    | 0.8                          | 0.3                   | 0.1                     | 0.2                           | 511.6         |  |
| Grading/Excavation   | #DIV/0!       | #DIV/0!      | #DIV/0!       | #DIV/0!              | #DIV/0!                | 0.8                          | #DIV/0!               | #DIV/0!                 | 0.2                           | #DIV/0!       |  |
| Drainage/Utilities/Sub-Grade   | 0.9           | 3.9          | 4.9           | 1.2                  | 0.4                    | 0.8                          | 0.6                   | 0.4                     | 0.2                           | 538.1         |  |
| Paving   | 0.8           | 3.5          | 3.8           | 0.3                  | 0.3                    | -                            | 0.3                   | 0.3                     | -                             | 531.1         |  |
| Maximum (pounds/day)   | #DIV/0!       | #DIV/0!      | #DIV/0!       | #DIV/0!              | #DIV/0!                | 0.8                          | #DIV/0!               | #DIV/0!                 | 0.2                           | #DIV/0!       |  |
| Total (tons/construction project)  | #DIV/0!       | #DIV/0!      | #DIV/0!       | #DIV/0!              | #DIV/0!                | 0.0                          | #DIV/0!               | #DIV/0!                 | 0.0                           | #DIV/0!       |  |
| Notes: Project Start Year -> 2013  |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Project Length (months) -> 2   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Total Project Area (acres) -> 0  |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Maximum Area Disturbed/Day (acres) -> 0  |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Total Soil Imported/Exported (yd <sup>3</sup> /day)-> 0  |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L. |               |              |               |                      |                        |                              |                       |                         |                               |               |  |

| Emission Estimates for -> MJUSD Lindhurst Access   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
|--|---------------|--------------|---------------|----------------------|------------------------|------------------------------|-----------------------|-------------------------|-------------------------------|---------------|--|
| Project Phases (Metric Units)  | ROG (kgs/day) | CO (kgs/day) | NOx (kgs/day) | Total PM10 (kgs/day) | Exhaust PM10 (kgs/day) | Fugitive Dust PM10 (kgs/day) | Total PM2.5 (kgs/day) | Exhaust PM2.5 (kgs/day) | Fugitive Dust PM2.5 (kgs/day) | CO2 (kgs/day) |  |
| Grubbing/Land Clearing   | 0.2           | 1.6          | 0.8           | 0.4                  | 0.0                    | 0.4                          | 0.1                   | 0.0                     | 0.1                           | 232.6         |  |
| Grading/Excavation   | #DIV/0!       | #DIV/0!      | #DIV/0!       | #DIV/0!              | #DIV/0!                | 0.4                          | #DIV/0!               | #DIV/0!                 | 0.1                           | #DIV/0!       |  |
| Drainage/Utilities/Sub-Grade   | 0.4           | 1.8          | 2.2           | 0.6                  | 0.2                    | 0.4                          | 0.3                   | 0.2                     | 0.1                           | 244.6         |  |
| Paving   | 0.3           | 1.6          | 1.7           | 0.2                  | 0.2                    | -                            | 0.1                   | 0.1                     | -                             | 241.4         |  |
| Maximum (kilograms/day)  | #DIV/0!       | #DIV/0!      | #DIV/0!       | #DIV/0!              | #DIV/0!                | 0.4                          | #DIV/0!               | #DIV/0!                 | 0.1                           | #DIV/0!       |  |
| Total (megagrams/construction project)   | #DIV/0!       | #DIV/0!      | #DIV/0!       | #DIV/0!              | #DIV/0!                | 0.0                          | #DIV/0!               | #DIV/0!                 | 0.0                           | #DIV/0!       |  |
| Notes: Project Start Year -> 2013  |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Project Length (months) -> 2   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Total Project Area (hectares) -> 0   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Maximum Area Disturbed/Day (hectares) -> 0   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Total Soil Imported/Exported (meters <sup>3</sup> /day)-> 0  |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.   |               |              |               |                      |                        |                              |                       |                         |                               |               |  |
| Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L. |               |              |               |                      |                        |                              |                       |                         |                               |               |  |