

PUBLIC REVIEW DRAFT
INITIAL STUDY/
MITIGATED NEGATIVE DECLARATION

FOR THE
IRWIN VILLAGE SENIOR RESIDENTIAL PROJECT

Escalon, CA


January 2022

Prepared for:

City of Escalon
2060 McHenry Avenue
Escalon, CA 95320

Prepared by:

BaseCamp Environmental, Inc.
802 W. Lodi Avenue
Lodi, CA 95240



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Prepared for:

CITY OF ESCALON
2060 McHenry Avenue
Escalon, CA 95320
209-691-7430

Prepared by:

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City of Escalon
2060 McHenry Ave
Escalon, Ca. 95320

NOTICE OF INTENT TO ADOPT MITIGATED NEGATIVE DECLARATION
AND NOTICE OF PUBLIC MEETING

Notice is hereby given that the City of Escalon has prepared an Initial Study (IS) of environmental effects and intends to adopt a Mitigated Negative Declaration (MND) and Mitigation Monitoring/Reporting Plan (MMRP) for the Irwin Village Senior Apartments project. The City of Escalon is the Lead Agency for this project under the California Environmental Quality Act (CEQA).

The project proposes to construct 12 fourplexes on two adjacent parcels totaling 3.17 acres. A total of 47 units would be available to lower-income senior households, with one unit set aside for an onsite manager. The project also includes a community building with a patio area, landscaping and community garden areas.

The IS/MND analyzes the potential environmental effects of the project in the environmental issue areas specified in the State CEQA Guidelines. Based on this analysis, the Public Review Draft IS/MND finds that the project will not involve any significant environmental effects, provided that the mitigation measures described in the IS/MND are implemented. The project proponent has agreed to the mitigation measures, and these measures are included in a MMRP to be adopted by the City of Escalon in conjunction with the IS/MND and approval of the project. There are no sites identified under Section 65962.5 of the Government Code located on or near the project site.

Copies of the IS/MND are available for public review at the City of Escalon Planning Department at the address shown above and at the City's website:

http://cityofescalon.org/government/departments/development_services/planning

The City will accept public and agency comments on the IS/MND during a 20-day review period that will begin on January 26, 2022 and end on February 14, 2022. Comments may be submitted by mail or e-mail to the City at the address shown below:

City of Escalon Planning Department
Attn: Diana Trejo, Assistant Planner
2060 McHenry Ave
Escalon, Ca. 95320
dtrejo@cityofescalon.org

At the conclusion of the 20-day public review period, the document will be submitted to the City of Escalon Planning Commission for review and adoption. The Planning Commission will hold a public hearing in the Council Chambers, City Hall, 2060 McHenry Ave, Escalon, California, on Tuesday, February 15, 2022 at 6:30 PM to consider adoption of the IS/MND and MMRP, and approval of the project.

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LIST OF ACRONYMS AND ABBREVIATIONS USED IN THIS DOCUMENT

AB	Assembly Bill
APN	Assessor's Parcel Number
ARB	California Air Resources Board
BMP	Best Management Practice
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
Cal Fire	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Caltrans	California Department of Transportation
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CNDDB	California Natural Diversity Data Base
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO ₂ e	carbon dioxide equivalent
dB	decibel
DTSC	California Department of Toxic Substances Control
EIR	Environmental Impact Report
EPA	U. S. Environmental Protection Agency
ESA	Endangered Species Act (federal)
FEMA	Federal Emergency Management Agency
GAMAQI	Guide for Assessing and Mitigating Air Quality Impacts
GHG	greenhouse gas
gpm	gallons per minute
IS/MND	Initial Study/Mitigated Negative Declaration
L _{dn}	Day-Night Average Sound Level
LID	Low Impact Development
LOS	Level of Service
mgd	million gallons per day
MS4	Municipal Separate Storm Sewer System
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
OPR	Governor's Office of Planning and Research
PM ₁₀	particulate matter 10 micrometers or less in diameter
PM _{2.5}	particulate matter 2.5 micrometers or less in diameter
ROG	reactive organic gases
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill

SJCOG	San Joaquin Council of Governments
SJMSCP	San Joaquin County Multi-Species Open Space and Habitat Conservation Plan
SJVAPCD	San Joaquin Valley Air Pollution Control District
SR	State Route
SSJID	South San Joaquin Irrigation District
SWMP	Storm Water Management Program
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
USFWS	U.S. Fish and Wildlife Service
VMT	vehicle miles traveled

NEGATIVE DECLARATION

A. General Project Information

Project Title:	Irwin Village Senior Residential Project
Lead Agency Name and Address:	City of Escalon 2060 McHenry Avenue Escalon, CA 95320
Contact Person and Phone Number:	Dominique Romo, City Planner 209-691-7430
Project Location:	1310 Irwin Avenue and 720 California Street, Escalon, CA
Project Sponsor Name and Address:	Housing Authority of the County of San Joaquin 2575 Grand Canal Boulevard Stockton, CA 95207
General Plan Designation:	Medium Density Residential
Zoning:	R-2, Medium Density Residential
Project Description:	The project proposes to construct 12 fourplexes on two adjacent parcels totaling 3.17 acres. A total of 47 units would be available to lower-income senior households, with one unit set aside for an onsite manager. The project also proposes a community building with a patio area. Landscaping and community garden areas would be included, along with bocce ball courts. Access to the development would be off Irwin Avenue, and onsite parking spaces would be provided. Water, sewer, and storm drainage services would be provided by the City of Escalon.
Surrounding Land Uses and Setting:	The project site is in a developed area in western Escalon. Single-family residences are located east, south, and west of the project site, and a church is also located to the west. The project site is bounded on the north by railroad tracks and State Route 120. Beyond these facilities is agricultural fields with limited residential and commercial development.

Other Public Agencies Whose Approval is Required: None

Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code Section 21080.3.1? If so, has consultation begun? No consultation requested.

B. Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a “Potentially Significant Impact” prior to mitigation, as indicated by the checklist on the following pages.

	Aesthetics		Agriculture/Forestry Resources		Air Quality
✓	Biological Resources	✓	Cultural Resources		Energy
✓	Geology/Soils		Greenhouse Gas Emissions	✓	Hazards/Hazardous Materials
	Hydrology/Water Quality		Land Use		Mineral Resources
✓	Noise		Population/Housing		Public Services
	Recreation		Transportation	✓	Tribal Cultural Resources
	Utilities/Service Systems	✓	Wildfire	✓	Mandatory Findings of Significance

C. Lead Agency 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 revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

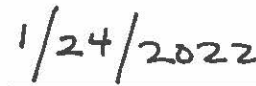
I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. 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, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

CITY OF ESCALON



Dominique Romo, Interim City Manager
Development Services Department



Date

1.0 INTRODUCTION

1.1 Project Brief

This document is an Initial Study/Mitigated Negative Declaration (IS/MND) for the Irwin Village Senior Residential Project (project) in Escalon, California. The 3.17-acre project site is located at the northeast corner of the intersection of Irwin Avenue and California Street in western Escalon (Figures 1-1 to 1-5). The project applicant is the Housing Authority of the County of San Joaquin (HACSJ). This IS/MND has been prepared in compliance with the requirements of the California Environmental Quality Act (CEQA). For the purposes of CEQA, the City of Escalon (City) is the Lead Agency for the project.

The project proposes to construct 12 fourplexes on two adjacent parcels totaling 3.17 acres (Figure 1-6). A total of 47 units would be available to lower-income senior households, with one unit set aside for an onsite manager. The project also proposes a community building with a patio area. Landscaping and community garden areas would be included, along with bocce ball courts. Access to the development would be off Irwin Avenue, and onsite parking spaces would be provided. Water, sewer, and storm drainage services would be provided by the City of Escalon. The project would require site plan and design review approval by the City.

1.2 Purpose of Initial Study

The California Environmental Quality Act (CEQA) requires that public agencies consider and document the potential environmental effects of the agency's actions that meet CEQA's definition of a "project." Briefly summarized, a "project" is an action that has the potential to result in direct or indirect physical changes in the environment. A project includes the agency's direct activities as well as activities that involve public agency approvals or funding. Guidelines for an agency's implementation of CEQA are found in the CEQA Guidelines (Title 14, Chapter 3 of the California Code of Regulations).

Provided that a project is not exempt from CEQA, the first step in the agency's consideration of its potential environmental effects is the preparation of an Initial Study. The purpose of an Initial Study is to determine whether the project would involve "significant" environmental effects as defined by CEQA and to describe feasible mitigation measures that would avoid significant effects or reduce them to a level that would be less than significant. If the Initial Study does not identify significant effects, or if it identifies mitigation measures that would reduce all the significant effects of the project to a less-than-significant level, then the agency prepares a Negative Declaration or Mitigated Negative Declaration. If the project would involve significant effects that cannot be readily mitigated, then the agency must prepare an Environmental Impact Report (EIR). The agency may also decide to proceed directly with the preparation of an EIR without preparation of an Initial Study.

The proposed project is a “project” as defined by CEQA and is not exempt from CEQA consideration. The City has determined that the project involves the potential for significant environmental effects and requires preparation of this Initial Study. The Initial Study describes the proposed project and its environmental setting, it discusses the potentially significant environmental effects of the project, and it identifies feasible mitigation measures that would avoid the potentially significant environmental effects of the project or reduce them to a level that would be less than significant. The Initial Study considers the project’s potential for significant environmental effects in the following subject areas:

- Aesthetics
- Agricultural Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation/Traffic
- Tribal Cultural Resources
- Utilities and Service Systems
- Wildfire
- Mandatory Findings of Significance

The Initial Study concludes that the project would have significant environmental effects, but that recommended mitigation measures would reduce all these effects to a level that would be less than significant. As a result, the City has prepared a Mitigated Negative Declaration and notified the public of the City’s intent to adopt the Initial Study/Mitigated Negative Declaration. A copy of the City’s Notice of Intent is shown just inside the cover of this document. As of the distribution of the IS/MND for public review, the applicant has accepted all the recommended mitigation measures. The time available for comment on the IS/MND is shown in the Notice of Intent prepared for the project.

1.3 Project Background

The project site is in a developed area of western Escalon. The site itself is mostly vacant. However, an existing single-family residence, currently unoccupied, is on the site at the intersection of Irwin Avenue and California Street. An existing outbuilding is associated with this residence, and two concrete slabs have been identified nearby.

The predominant land use in the area is residential – single-family residences have been constructed east, south, and west of the project site. The Church of Christ is also located west of the project site, near the intersection of Irwin Avenue and State Route (SR) 120. Adjacent to and north of the project site are railroad tracks operated by the Union Pacific Railroad and SR 120. Beyond the tracks and the highway are agricultural fields and limited residential and commercial development.

The Escalon General Plan Housing Element, an element of the Escalon General Plan, was adopted in 2019. Escalon was allocated a new construction need of 425 housing units in the San Joaquin County Regional Housing Needs Plan, prepared by the San Joaquin Council of Governments (SJCOG), for the 2014 to 2023 planning period. Of the allocated housing units, 60 are identified for extremely low-income households, 43 for very low-income households, 66 for low-income households, 64 for moderate-income households, and 192 for above moderate-income households. As of adoption of the Housing Element, 7 moderate-income and 37 above moderate-income units have been constructed, with an additional 6 above moderate-income units under construction and 9 moderate-income units entitled (City of Escalon 2019a).

The Escalon Housing Element also notes that, while there has been a decrease in senior-headed households from 2010 (587) to 2014 (524), there has been a subsequent increase, with an estimated 568 in 2017. There is a lack of housing for seniors, particularly assisted housing or housing that provides independent living options in a supported environment. The need for senior-designated housing, including affordable senior housing, was identified as the top housing need by the community during the preparation of the Housing Element (City of Escalon 2019a).

The Escalon General Plan, adopted in 2005 and updated in 2010 and 2019, has designated the project site for Medium Density Residential use. The zoning for the project site is R-2, Medium Density Residential. The proposed project would be consistent with the land uses allowed under the current General Plan designation and zoning.

1.4 Environmental Evaluation Checklist Terminology

The project's potential environmental effects are evaluated in the Environmental Evaluation Checklist shown in Chapter 3.0. The checklist includes a list of environmental considerations against which the project is evaluated. For each question, the City determines whether the project would involve: 1) a Potentially Significant Impact, 2) a Less Than Significant Impact with Mitigation Incorporated, 3) a Less Than Significant Impact, or 4) No Impact.

A Potentially Significant Impact occurs when there is substantial evidence that the project could involve a substantial adverse change to the physical environment; i.e., that the environmental effect may be significant, and mitigation measures have not been defined that would reduce the impact to a less than significant level. If there are one or more Potentially Significant Impact identified in the Initial Study, an EIR is required.

An environmental effect that is Less Than Significant with Mitigation Incorporated is a Potentially Significant Impact that can be avoided or reduced to a level that is less than significant with the application of mitigation measures.

A Less Than Significant Impact occurs when the project would involve effects on an area of environmental concern, but the project would not involve a substantial

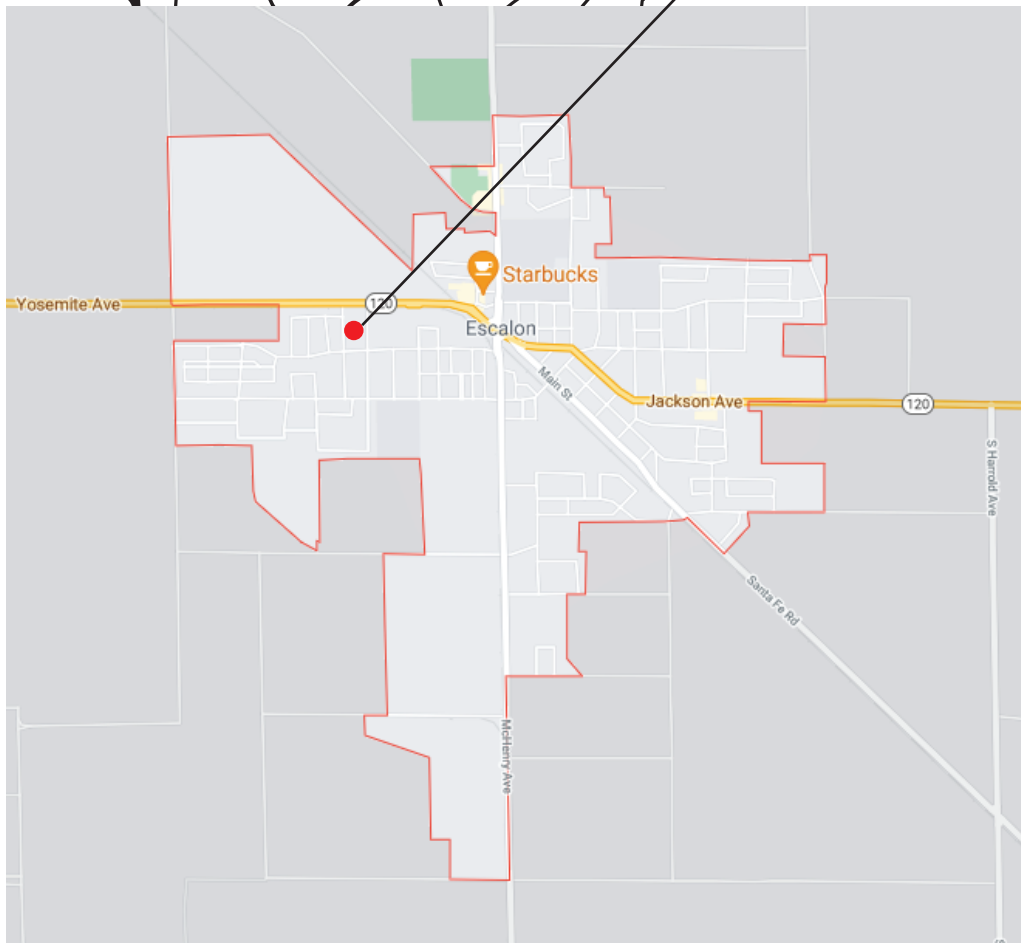
adverse change to the physical environment and no mitigation measures are required.

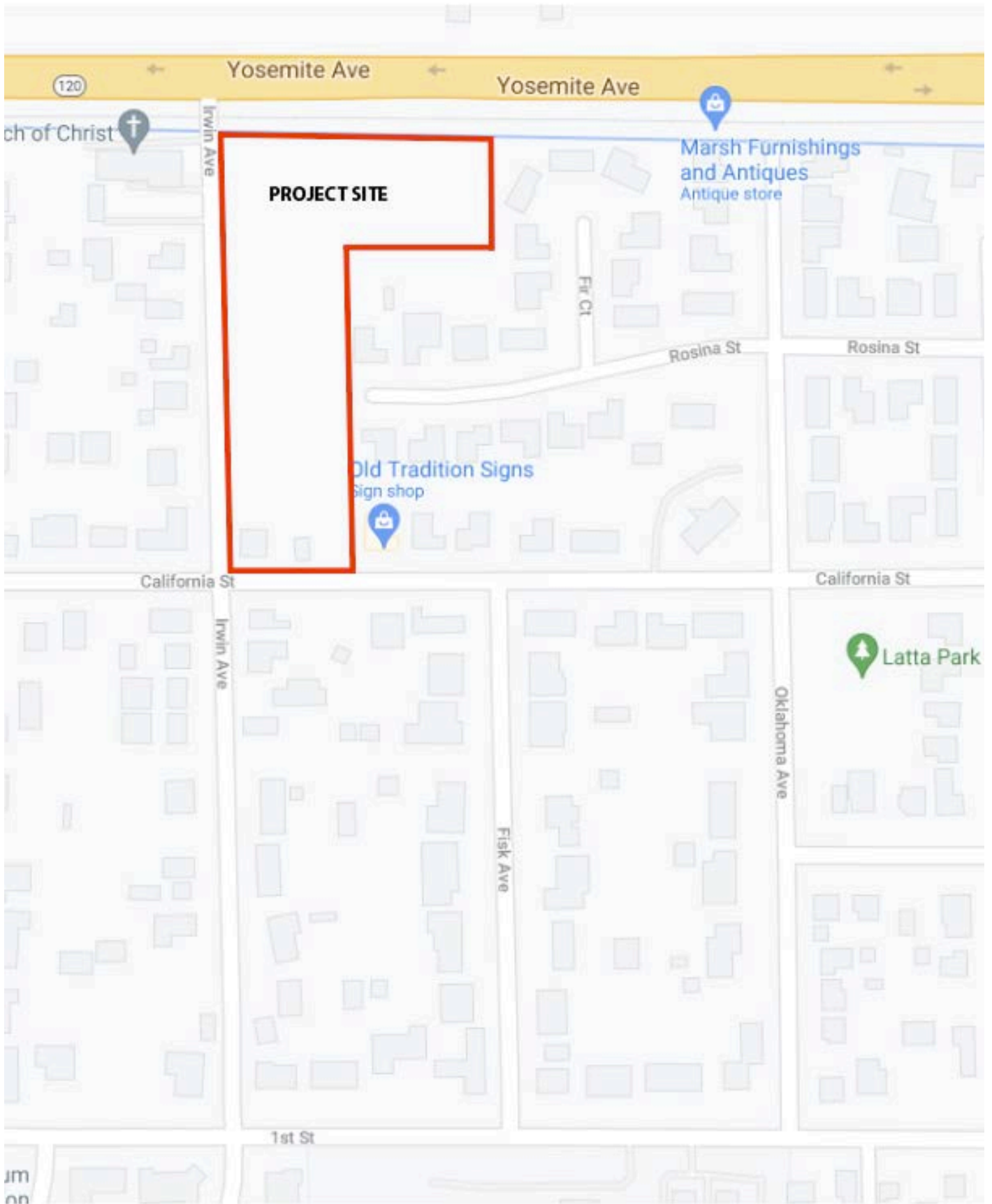
A determination of No Impact is self-explanatory.

Some existing regulatory requirements that have been established by the City and other agencies with jurisdiction, and which are routinely implemented in conjunction with new development, function as measures that would tend to reduce or avoid the potential environmental impacts of a project. These requirements are described in this IS/MND as a part of the existing regulatory setting. If these requirements are not considered adequate to reduce or avoid an environmental impact, this IS/MND identifies additional mitigation measures needed to address the impact. These mitigation measures are described in the appropriate technical section of Chapter 3.0 and are summarized in Table 1-1. All mitigation measures described in this IS/MND are considered feasible and would reduce potentially significant environmental effects of the project to a level that would be less than significant. As of the publication of the Notice of Intent, these mitigation measures have been accepted by the project applicant.

1.4 Summary of Environmental Effects and Mitigation Measures

The pages following the figures contain Table 1-1, Summary of Impacts and Mitigation Measures. The table summarizes the results of the Environmental Checklist Form and associated narrative discussion of the project's potential environmental effects in Chapter 3.0. The potential environmental impacts of the proposed project are summarized in the left-most column of this table. The projected level of significance of each impact without mitigation is indicated in the second column. Mitigation measures proposed to minimize significant environmental effects are shown in the third column, and the significance of the impact, after mitigation measures are applied, is shown in the fourth column.

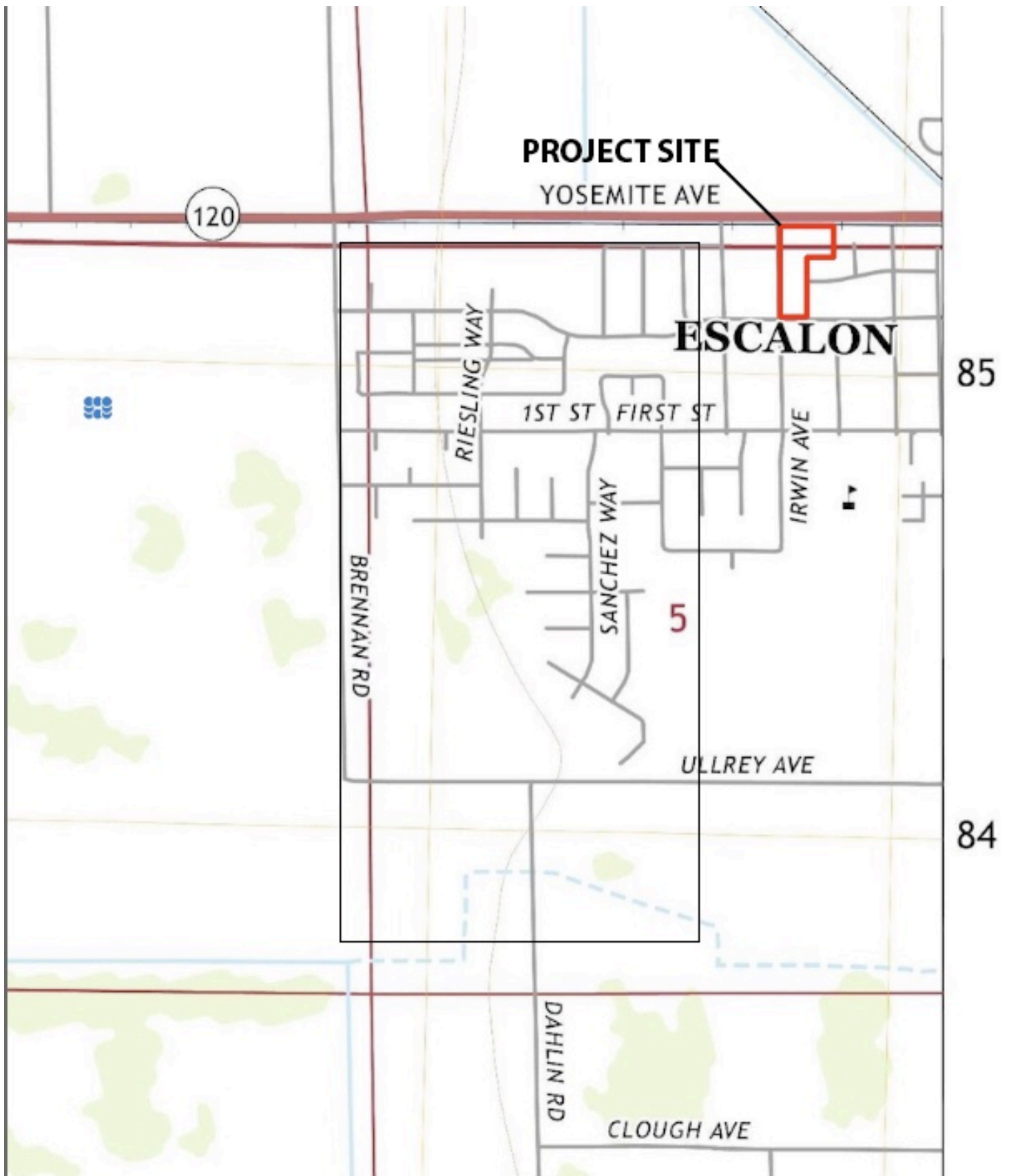




SOURCE: Google Maps



Figure 1-2
STREET MAP

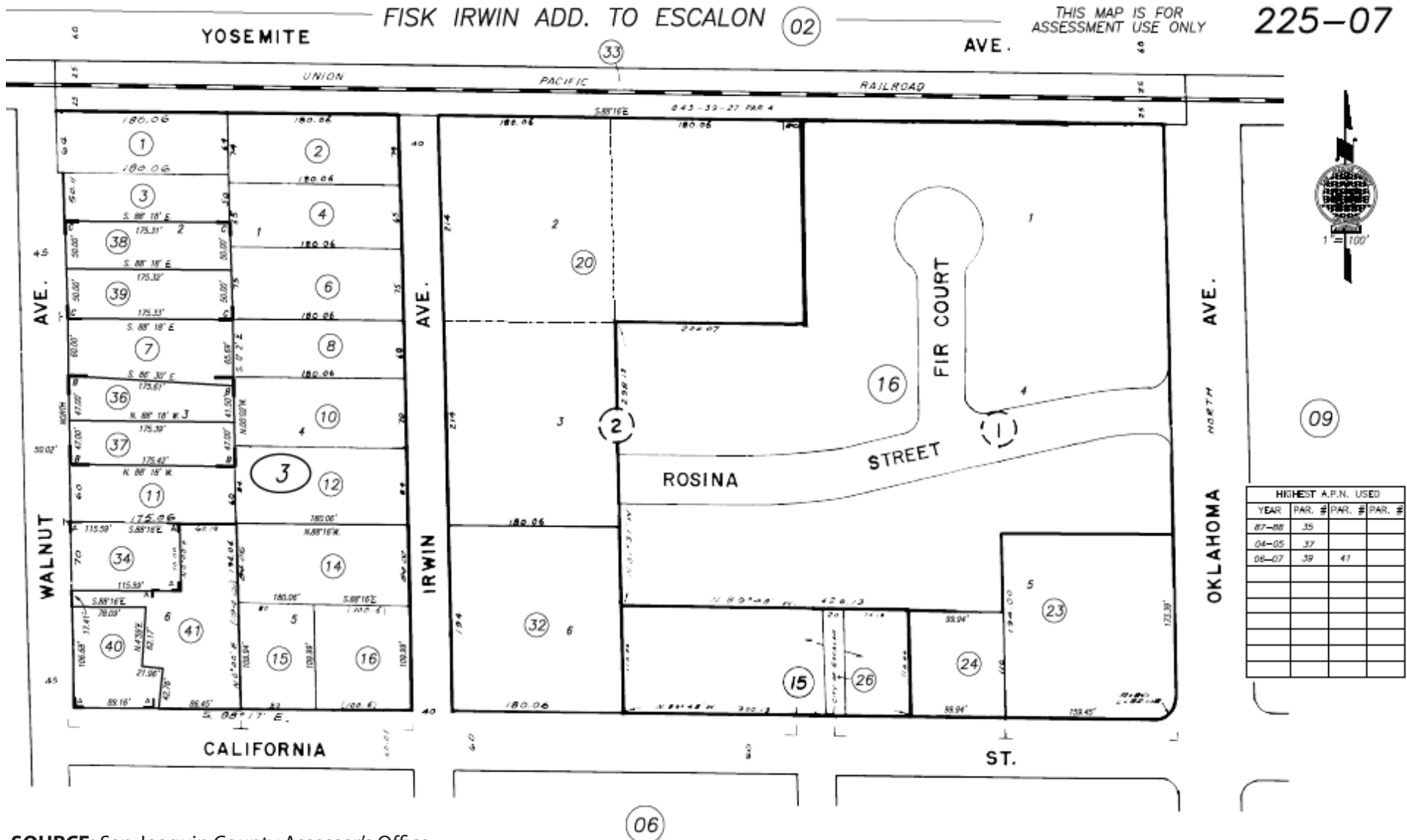


Source : USGS Avena Quadrangle 2021



Figure 1-3
USGS MAP





SOURCE: San Joaquin County Assessor's Office



Figure 1-5
ASSESSOR PARCEL MAP

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
3.1 AESTHETICS			
a) Scenic Vistas	LS	None required	-
b) Scenic Resources	LS	None required	-
c) Visual Character and Quality	LS	None required	-
d) Light and Glare	LS	None required	-
3.2 AGRICULTURE AND FORESTRY RESOURCES			
a) Agricultural Land Conversion	NI	None required	-
b) Agricultural Zoning and Williamson Act	NI	None required	-
c, d) Forest Land Conversion and Zoning	NI	None required	-
e) Indirect Conversion of Farmland of Forest Land	NI	None required	-
3.3 AIR QUALITY			
a) Air Quality Plan Consistency	LS	None required	-
b) Cumulative Emissions	LS	None required	-
c) Exposure of Sensitive Receptors to Pollutants	LS	None required	-
d) Odors and Other Emissions	NI	None required	-
3.4 BIOLOGICAL RESOURCES			
a) Special-Status Species	PS	BIO-1: If construction commences between March 1 and September 15, the City or its contractor shall conduct pre-construction surveys for nesting Swainson's hawks within 0.25 miles of the project site. If active nests are found, a qualified biologist shall determine the need (if any) for	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
		temporal restrictions on construction, which shall be implemented upon commencement of construction activities. The determination shall be consistent with criteria set forth in the California Department of Fish and Wildlife's <i>Staff Report regarding Mitigation for Impacts to Swainson's Hawks (Buteo Swainsoni) in the Central Valley of California</i> (1994).	
b) Riparian and Other Sensitive Habitats	NI	None required	-
c) State and Federal Jurisdictional Wetlands	NI	None required	-
d) Fish and Wildlife Movement	PS	BIO-2: If construction commences during the general avian nesting season (March 1 through July 31), a pre-construction survey for nesting birds will be required prior to commencement of construction activities. If active nests are found, work in the vicinity of the nest shall be delayed until the young fledge. If no active nests are found, no further action needs to be taken.	LS
e) Local Biological Requirements	NI	None required	-
f) Conflict with Habitat Conservation Plans	NI	None required	-
3.5 CULTURAL RESOURCES			
a) Historical Resources	LS	None required	-
b) Archaeological Resources	PS	CULT-1: If any subsurface cultural resources are encountered during project construction, all construction activities within 50 feet of the encounter shall be halted until a qualified archaeologist can examine these materials, determine their significance, and, if significant, recommend mitigation measures that would reduce potential effects to a level that is less than significant. Recommended measures could include, but are not limited to, 1) preservation in	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
		place, or 2) excavation, recovery, and curation by qualified professionals. The City of Escalon Community Development Department and the HACSJ shall be notified, and the project developer shall be responsible for retaining qualified professionals, implementing recommended mitigation measures, and documenting mitigation efforts in a written report to the City's Community Development Department and the HACSJ, consistent with the requirements of the CEQA Guidelines. If burial resources or tribal cultural resources are discovered, the City shall notify the appropriate tribal representative, who may examine the materials with the archaeologist and advise the City as to their significance and disposition.	
c) Human Burials	LS	None required	-
3.6 ENERGY			
a) Project Energy Consumption	LS	None required	-
b) Consistency with Energy Plans.	LS	None required	-
3.7 GEOLOGY AND SOILS			
a-i) Fault Rupture Hazards	NI	None required	-
a-ii, iii) Seismic Hazards	LS	None required	-
a-iv) Landslides	NI	None required	-
b) Soil Erosion	PS	GEO-1: Prior to commencement of construction activity, the developer shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) for the project and file a Notice of Intent with the State Water Resources Control Board (SWRCB) in compliance with the Construction General Permit and City of Escalon storm water	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
		requirements. The SWPPP shall be available on the construction site at all times. The developer shall incorporate an Erosion Control Plan consistent with all applicable provisions of the SWPPP within the site improvement and building plans. The developer also shall submit the SWRCB Waste Discharger's Identification Number to the City prior to approval of development or grading plans.	
c) Geologic Instability	LS	None required	-
d) Expansive Soils	NI	None required	-
e) Adequacy of Soils for Wastewater Disposal	NI	None required	-
f) Paleontological Resources and Unique Geological Features	PS	GEO-2: If any subsurface paleontological resources are encountered during construction of the project, all construction activities within 50 feet of the encounter shall be halted until a qualified paleontologist can examine these materials, determine their significance and, if significant, recommend further mitigation measures that would reduce potential effects to a level that is less than significant. Recommended measures may include, but are not limited to, 1) preservation in place, or 2) excavation, recovery, and curation by qualified professionals. The City of Escalon Community Development Department and the HACSJ shall be notified, and the project developer shall be responsible for retaining qualified professionals, implementing recommended mitigation measures, and documenting mitigation efforts in a written report to the City's Community Development Department and the HACSJ, consistent with the requirements of the CEQA Guidelines.	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
3.8 GREENHOUSE GAS EMISSIONS			
a, b) Project GHG Emissions and Consistency with GHG Reduction Plans	LS	None required	-
3.9 HAZARDS AND HAZARDOUS MATERIALS			
a) Hazardous Material Transport, Use, and Storage	LS	None required	-
b) Release of Hazardous Materials	LS	None required	-
c) Hazardous Materials Releases near Schools	NI	None required	-
d) Hazardous Materials Sites	LS	None required	-
e) Public Airport Operations	NI	None required	-
f) Emergency Response and Evacuations	PS	HAZ-1: Prior to the start of project construction, the developer shall prepare and implement a Traffic Control Plan, which shall include such items as traffic control requirements, resident notification of access closure, and daily access restoration. The contractor shall specify dates and times of road closures or restrictions, if any, and shall ensure that adequate access will be provided for emergency vehicles. The Traffic Control Plan shall be reviewed and approved by the City Department of Public Works and shall be coordinated with the Escalon Police Department and the Escalon Consolidated Fire Protection District if construction will require road closures or lane restrictions.	LS
g) Wildland Fire Hazards	NI	None required	-
3.10 HYDROLOGY AND WATER QUALITY			
a) Surface Water Quality	LS	None required	-

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
b) Groundwater Supplies and Recharge	LS	None required	-
c-i, ii, iii) Drainage Patterns and Runoff	LS	None required	-
c-iv) Flood Flows	NI	None required	-
d) Other Flooding Hazards	LS	None required	-
e) Conflict with Water Quality or Groundwater Plans	NI	None required	-
3.11 LAND USE AND PLANNING			
a) Division of Established Communities	NI	None required	-
b) Conflicts with Plans, Policies and Regulations Mitigating Environmental Effects	LS	None required	-
3.12 MINERAL RESOURCES			
a, b) Availability of Mineral Resources	NI	None required	-
3.13 NOISE			
a) Exposure to Noise Exceeding Local Standards	PS	NOISE-1: All equipment used on the construction site during all project phases shall be fitted with mufflers in accordance with manufacturers' specifications. Mufflers shall be installed on the equipment at all times on the construction site.	LS
b) Exposure to Groundborne Vibration or Noise	LS	None required	-
c) Public Airport and Private Airstrip Noise	NI	None required	-

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
3.14 POPULATION AND HOUSING			
a) Unplanned Population Growth	LS	None required	-
b) Displacement of Housing or People	NI	None required	-
3.15 PUBLIC SERVICES			
a) Fire Protection	LS	None required	-
b) Police Protection	LS	None required	-
c) Schools	LS	None required	-
d, e) Parks and Other Public Facilities	LS	None required	-
3.16 RECREATION			
a, b) Recreational Facilities	LS	None required	-
3.17 TRANSPORTATION			
a) Conflict with Transportation Plans, Ordinances and Policies	LS	None required	-
b) Conflict with CEQA Guidelines Section 15064.3(b)	LS	None required	-
c) Traffic Hazards	LS	None required	-
d) Emergency Access	LS	None required	-
3.18 TRIBAL CULTURAL RESOURCES			
a, b) Tribal Cultural Resources	PS	Mitigation Measure CULT-1.	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
3.19 UTILITIES AND SERVICE SYSTEMS			
a) Relocation or Construction of New Facilities	LS	None required	-
b) Water Systems and Supply	LS	None required	-
c) Wastewater Treatment Capacity	LS	None required	-
d, e) Solid Waste Services	LS	None required	-
3.20 WILDFIRE			
a) Emergency Response Plans and Emergency Evacuation Plans	PS	Mitigation Measure HAZ-1.	LS
b) Exposure of Project Occupants to Wildfire Hazards	NI	None required	-
c) Installation and Maintenance of Infrastructure	NI	None required	-
d) Risks from Runoff, Post-Fire Slope Instability, or Drainage Changes	NI	None required	-
3.21 MANDATORY FINDINGS OF SIGNIFICANCE			
a) Findings on Biological and Cultural Resources	PS	Mitigation measures in Sections 3.4 and 3.5.	LS
b) Findings on Individually Limited but Cumulatively Considerable Impacts	LS	None required	-
c) Findings on Adverse Effects on Human Beings	LS	None required	-

2.0 PROJECT DESCRIPTION

2.1 Project Location

The project site is located on 1310 Irwin Avenue and 720 California Street in western Escalon, on the northeast corner of the intersection of the two streets (see Figures 1-1 to 1-5). The project site is on two parcels identified as Assessor's Parcel Number (APN) 225-070-20 and APN 225-070-32. The site is shown on the U.S. Geological Survey's Avena, California, 7.5-minute quadrangle map as within Section 5, Township 2 South, Range 9 East, Mt. Diablo Base and Meridian. The approximate latitude and longitude of the project site is 37° 47' 52" North and 121° 00' 13" West, respectively.

2.2 Project Details

The project proposes to construct 12 fourplexes on two adjacent parcels totaling 3.17 acres (Figure 2-1). A total of 47 units would be available to senior households, with one unit set aside for an onsite manager. Of these total units, 44 would be one-bedroom, one-bathroom units approximately 500 square feet in floor area, while the remaining four units, including the manager's unit, would have two bedrooms and two bathrooms approximately 700 square feet in floor area. Total floor area of the units would be 24,800 square feet. All fourplexes would be one story in height.

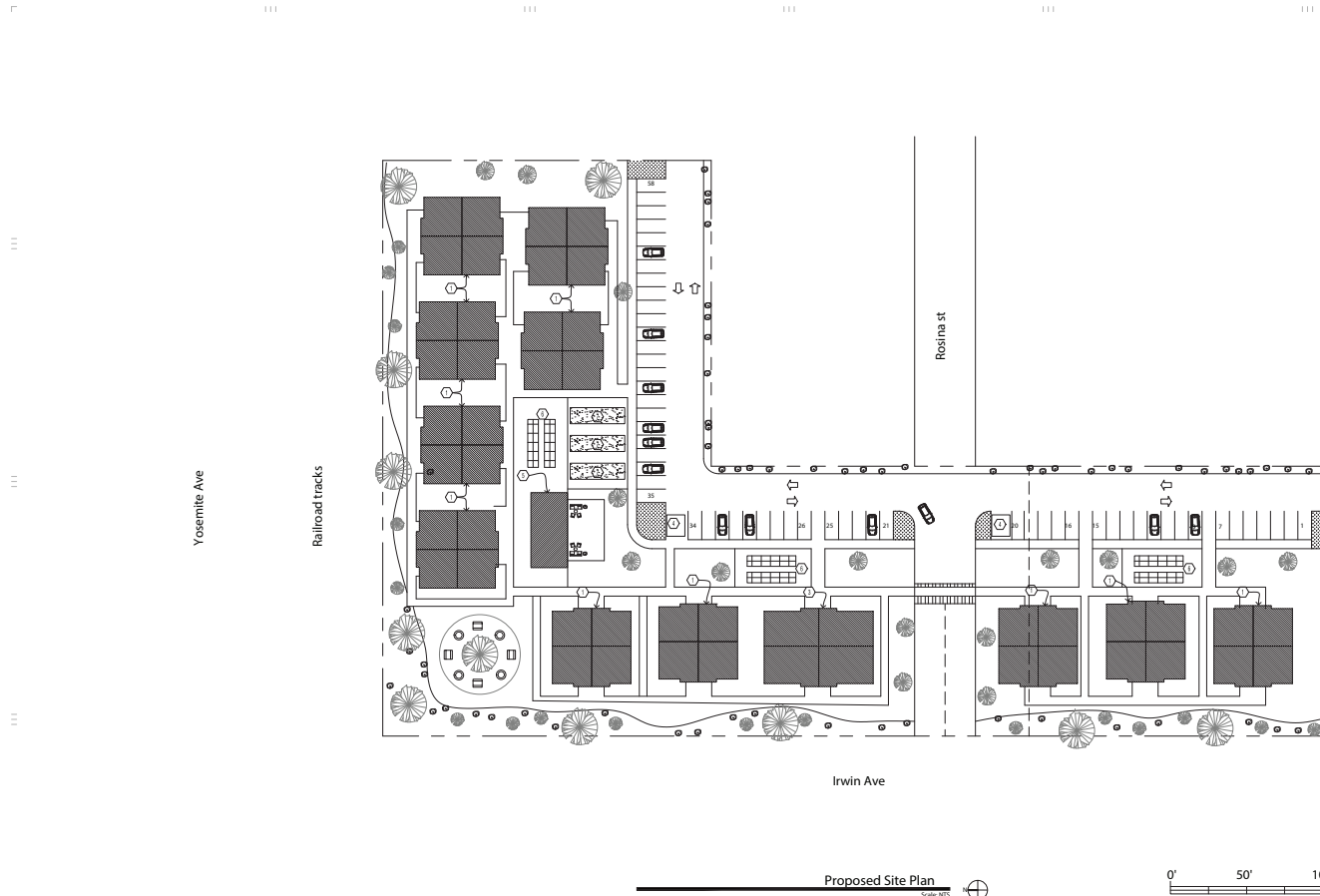
The project also proposes a community building with approximately 1,250 square feet of floor area. A patio area would be adjacent to this building. Three community garden areas would be included, located throughout the project site, along with three bocce ball courts near the community building. Landscaping would be installed along the site boundaries and scattered throughout the site. A wall eight feet in height would be constructed along the northern boundary of the project site to act as a barrier to noise from SR 120 and railroad traffic.

The main access to the project site would be off Irwin Avenue, with secondary access off California Street. The project would provide 58 parking spaces for residents and visitors. Water, sewer, and storm drainage services would be provided by the City, and the project would connect to existing utility lines in the vicinity.

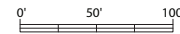
It is anticipated that project construction would generally be conducted in three phases. The first phase would be grading, excavation and site preparation, and establishment of utilities. During this phase, the existing unoccupied single-family residence, outbuilding, and concrete slabs would be demolished, and the resulting debris would be removed. The second phase would consist of construction of the interior and exterior of the buildings, and the third phase would be installation of parking areas, sidewalks, access driveways, and landscaping. Types of construction equipment expected to be used at the site include dozers, backhoes, loaders, forklifts, cranes, haul trucks, and graders.

2.3 Permits and Approvals

The proposed residential development is consistent with the current General Plan designation of Medium Density Residential, and it is a permitted use under the current zoning of R-2, Medium Density Residential. The project development would require Site Plan/Design Review approval by the City. Should the project be approved by the City, building permits from the City would be required, along with an encroachment permit for work in City streets. Landscape plans indicating plant species, location, and method of irrigation shall be submitted to the City Planner for approval prior to issuance of any permit.



Proposed Site Plan
Scale: NTS



General Notes:

Refer to accompanying Specification which are to be used jointly with these drawings.
 The Contractor shall establish the utility of dimensions, spacing and location for walls, etc. for Architectural, Mechanical, Electrical, Plumbing and associated work prior to construction and installation. All above hanging heights must be established and verified by the General Contractor prior to fabrication and installation. Where no dimensions are provided, the most restrictive Detail or Division is to be used.
 All items are to be installed in accordance with the manufacturer's instructions unless otherwise specified.
 All products and materials shall be installed in accordance with the manufacturer's instructions unless otherwise specified.
 All items are to be installed in accordance with the manufacturer's instructions unless otherwise specified.
 All items are to be installed in accordance with the manufacturer's instructions unless otherwise specified.
 All items are to be installed in accordance with the manufacturer's instructions unless otherwise specified.

Unit summary:

48 Units total
 44ea 1 bed 1 bath, 500 sq ft
 3ea 2bed 1 bath, 700 sq ft
 1ea 2bed 1 bath, 700 sq of Managers unit
 58 parking stalls (40x1 + 8x1.5 = 56)

Site Plan Sheet Notes:

1. 1 bed 1 bath / 4ourplex
2. Reserved
3. 2 bed 1 bath / 4ourplex
4. TRASH
5. Common area
6. Community garden
7. Bottle ball court



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Escalon California						
project no. 1134						
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Figure 2-1
 SITE PLAN

3.0 ENVIRONMENTAL CHECKLIST FORM

3.1 AESTHETICS

Except as provided in Public Resources Code Section 21099, would the project:

- a) Have a substantial adverse effect on a scenic vista?
- b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?
- c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?
- d) Create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?

Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
		✓	
		✓	
		✓	
		✓	

NARRATIVE DISCUSSION

Environmental Setting

The project site is in a developed area of western Escalon, primarily with single-family residences visible to the east, south, and west of the site. Agricultural lands are visible to the north of the project site but are separated from the site by SR 120 and railroad tracks. The site itself is mostly vacant and contains mostly grasses and weeds. Two large trees are at the approximate center of the site near its eastern boundary. A single-family residence that appears abandoned is on California Street in the southern portion of the site, along with two outbuildings. All three buildings show signs of deterioration. Existing lighting in the project vicinity consists of street lighting along adjacent streets and outdoor lighting in nearby residential and church development.

The recently revised Appendix G of the CEQA Guidelines mentions California Public Resources Code Section 21099, which states that the aesthetic and parking impacts of residential, mixed-use residential, or employment center projects on an infill site within a transit priority area shall not be considered significant effects under CEQA. While the project is residential and may be considered an infill project, it is not in a transit priority area. Therefore, Public Resources Code Section 21099 does not apply.

Environmental Impacts and Mitigation Measures

a) Scenic Vistas.

Scenic vistas have been defined as vantage points with a broad and expansive view of a significant landscape feature, such as a mountain range or coastline. The project involves the construction of a high-density residential development, a community center, circulation, parking, and related site improvements. These structures have the potential to partially obstruct distance views, but given their location, they would not substantially obstruct views of mountain ranges to the west and east. Project impacts on scenic vistas would be less than significant.

b) Scenic Resources.

The project site is a vacant parcel mostly covered with grasses and weeds. There are two large trees on the project site that would be removed by the project. However, the trees would be replaced by landscaping, so the scenic value of the project site would not change substantially.

According to the California Department of Transportation (Caltrans) list of designated scenic highways under the California Scenic Highway Program, there are only two officially designated state scenic highways within San Joaquin County: Interstate 5 from the Stanislaus County Line to Interstate 580, and Interstate 580 from Interstate 5 to the Alameda County Line (Caltrans 2018). The project site is not on either of these State Scenic Highways. The Escalon General Plan has not designated any local roadways as scenic. Project impacts on scenic resources would be less than significant.

c) Visual Character and Quality.

As viewed from public streets and highways near the project site (Irwin Avenue, California Street, SR 120), the current visual quality of the project site is generally poor. The site contains mostly grasses and weeds, and a deteriorating residence and outbuilding are in the southern portion. As noted in b) above, the only scenic resources of value on the project site are two large trees.

The project would remove the two trees as part of construction. However, it would also remove the deteriorating residence and the outbuilding, which detract from the site's visual quality. In their place, the project would construct new residential buildings that would be surrounded by landscaping. The overall result may be considered a visual improvement from the nearby streets and highways. The proposed structures would be consistent in height and design with the existing residential development in the vicinity.

The project would be subject to site and architectural review and approval by the City, in accordance with Escalon Municipal Code Chapter 17.54. One of the purpose of sites and architecture approval is to ensure that buildings are architecturally compatible with their surroundings by regulating the height, width, shape, proportion, siting, exterior construction, and design of these buildings. Another purpose is to ensure that the design and arrangement of buildings and open space areas contribute to the overall aesthetic quality of the project and surrounding area.

The project also would be required to comply with applicable landscaping standards, as specified in Escalon Municipal Code Chapter 17.44. Section 17.44.030 requires multifamily dwelling projects in any zoning district to be provided with landscaping and open space over not less than 40 percent of the net area of the property. It also requires the perimeter of the development along any street or right-of-way to have a landscaped planter of a minimum 15 feet in width. Escalon Municipal Code Section 17.41.025 requires submittal of a landscape plans indicating plant species, location, and method of irrigation to the City Planner for approval prior to issuance of any permit. Project impacts on visual quality would be less than significant and may be beneficial.

d) Light and Glare.

The project would add lighting to a site that currently has no lights. The project site is already illuminated by existing street lighting and security lighting of surrounding development. Proposed lighting would be similar to lighting of residential development in the area. However, project lighting would result in substantial changes in ground level night views for residences along the project site.

Escalon Municipal Code Section 17.41.065 provides guidelines on lighting. These guidelines include that lighting fixtures located on any property in or adjacent to any residential zone shall be arranged and shielded so that the light will not shine directly on land in such residential zone, nor shall the light shine on the public roadway. One of the objectives of the City’s site and architectural review is that outdoor lighting is provided by a project that promotes pedestrian and vehicle safety and crime prevention and is confined to the site. It is expected this review would be conducted by using the lighting guidelines in the Municipal Code. Project impacts on light and glare would be less than significant.

3.2 AGRICULTURE AND FORESTRY RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				✓
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				✓
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?				✓
d) Result in the loss of forest land or conversion of forest land to non-forest use?				✓

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

			✓
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NARRATIVE DISCUSSION

Environmental Setting

The project site had been used for agricultural activities for approximately 50 years. Approximately 40 of those years involved activities associated with livestock in the northern portion of the site (Condor Earth 2021a). However, there is no evidence of agricultural use of the project site in the last approximate two decades. As noted, agricultural fields are located north of the project site, beyond SR 120. Otherwise, the project site is surrounded by urban development.

The Important Farmland Maps, prepared by the California Department of Conservation as part of its Farmland Mapping and Monitoring Program, designate the viability of lands for farmland use, based on the physical and chemical properties of the soils and other factors. The maps categorize farmland, in decreasing order of soil quality, as "Prime Farmland," "Unique Farmland," and "Farmland of Statewide Importance." Collectively, these categories are referred to as "Farmland" in the CEQA Checklist in Appendix G of the CEQA Guidelines and in this document. There are also designations for grazing land and for urban/built-up areas, among others. According to the 2018 Important Farmland Map of San Joaquin County, the most recent map available, the project site is designated as Urban and Built-Up Land (FMMP 2018).

Environmental Impacts and Mitigation Measures

a) Farmland Conversion.

As noted, the project site is designated Urban and Built-Up Land by the Important Farmland Map. It is not designated as Farmland as defined by CEQA Guidelines Appendix G definition of Farmland; therefore, the project would not convert Farmland to non-agricultural use. The project would have no impact on Farmland conversion.

b) Agricultural Zoning and Williamson Act.

As noted, the project area is designated and zoned for residential uses, not for agriculture. The Williamson Act is State legislation that seeks to preserve farmland by offering property tax breaks to farmers who sign a contract pledging to keep their land in agricultural use. The project site is not under a Williamson Act contract. The project would have no impact on this issue.

c, d) Forest Land Conversion and Zoning.

The project is in a developed urban area; there are no forest lands on the project site or in the vicinity. No land in the project vicinity is zoned as forest land or timberland. The project would have no impact on forest lands.

e) Indirect Conversion of Farmland and Forest Land.

The project site is surrounded on three sides by urban development. Agricultural land to the north is separated from the project site by railroad tracks and SR 120. The project would use existing infrastructure in the vicinity; no new infrastructure would be installed that could encourage future development to the north. As previously noted, there are no forest lands in the vicinity. The project would have no impact on indirect conversion of Farmland or forest land.

3.3 AIR QUALITY

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable Air Quality Attainment Plan?			✓	
b) 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?			✓	
c) Expose sensitive receptors to substantial pollutant concentrations?			✓	
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?				✓

NARRATIVE DISCUSSION

Environmental Setting

Air Quality Status

The project site is within the San Joaquin Valley Air Basin. The San Joaquin Valley Air Pollution Control District (SJVAPCD), which includes Escalon, has jurisdiction over most air quality matters in the Air Basin. The SJVAPCD is tasked with implementing programs and regulations required by both the federal and California Clean Air Acts. Under their respective Clean Air Acts, both the State of California and the federal government have established ambient air quality standards for six criteria air pollutants: ozone, particulate matter, carbon monoxide, nitrogen dioxide, sulfur dioxide, and lead. California has four additional criteria pollutants under its Clean Air Act.

Table 3-1 shows the current attainment status of the Air Basin relative to the federal and State ambient air quality standards for criteria pollutants. Except for ozone and particulate matter, which are discussed below, the Air Basin is in attainment of, or unclassified for, all federal and State ambient air quality standards.

**TABLE 3-1
SAN JOAQUIN VALLEY AIR BASIN ATTAINMENT STATUS**

Criteria Pollutant	Designation/Classification	
	Federal Primary Standards	State Standards
Ozone - One hour	No Federal Standard	Nonattainment/Severe
Ozone - Eight hour	Nonattainment/Extreme	Nonattainment
PM ₁₀	Attainment	Nonattainment
PM _{2.5}	Nonattainment	Nonattainment
Carbon Monoxide (CO)	Attainment/Unclassified	Attainment/Unclassified
Nitrogen Dioxide (NO _x)	Attainment/Unclassified	Attainment
Sulfur Dioxide (SO _x)	Attainment/Unclassified	Attainment
Lead	No Designation/Classification	Attainment
Hydrogen Sulfide	No Federal Standard	Unclassified
Sulfates	No Federal Standard	Attainment
Visibility Reducing Particles	No Federal Standard	Unclassified
Vinyl Chloride	No Federal Standard	Attainment

Source: SJVAPCD 2020.

Air Pollutants of Concern

The San Joaquin Valley Air Basin is designated a non-attainment area for ozone. Ozone is not emitted directly into the air. It is formed when reactive organic gases (ROG) and nitrogen oxides (NO_x), referred to as “ozone precursors,” react in the atmosphere in the presence of sunlight. Ozone is a respiratory irritant and an oxidant that increases susceptibility to respiratory infections and can cause substantial damage to vegetation and other materials. The SJVAPCD currently has a 2007 Ozone Plan and a 2013 Plan for the Revoked 1-Hour Ozone Standard for the Air Basin to attain federal ambient air quality standards for ozone.

The Air Basin is also designated a non-attainment area for respirable particulate matter, a mixture of solid and liquid particles suspended in air, including dust, pollen, soot, smoke, and liquid droplets. Health concerns associated with suspended particulate matter focus on

those particles small enough to reach the lungs when inhaled; consequently, both the federal and state air quality standards for particulate matter apply to particulates 10 micrometers or less in diameter (PM₁₀) as well as to particulates less than 2.5 micrometers in diameter (PM_{2.5}), which are carried deeper into the lungs. Acute and chronic health effects associated with high particulate levels include the aggravation of chronic respiratory diseases, heart and lung disease, coughing, bronchitis, and respiratory illnesses in children. The SJVAPCD currently has a 2007 PM₁₀ Maintenance Plan to maintain the Air Basin's attainment status for federal PM₁₀ ambient air quality standards, and a 2008 PM_{2.5} Plan for the Air Basin to attain federal PM_{2.5} ambient air quality standards.

Carbon monoxide (CO) is an odorless, colorless gas that is highly toxic. It is formed by the incomplete combustion of fuels and is emitted directly into the air, unlike ozone. The main source of CO in the San Joaquin Valley is on-road motor vehicles (SJVAPCD 2015). The San Joaquin Valley Air Basin is in attainment/unclassified status for CO; as such, the SJVAPCD has no CO attainment plans. High CO concentrations may occur in areas of limited geographic size, sometimes referred to as "hot spots," which are ordinarily associated with areas of highly congested traffic.

In addition to the criteria pollutants, the California Air Resources Board (ARB) has identified other air pollutants as toxic air contaminants (TACs) - pollutants that may cause acute serious, long-term effects, such as cancer, even at low levels. Diesel particulate matter is the most common TAC, generated mainly as a product of combustion in diesel engines. Other TACs are less common and are typically associated with industrial activities.

Air Quality Rules and Regulations

As previously noted, the SJVAPCD has jurisdiction over most air quality matters in the Air Basin. It implements the federal and California Clean Air Acts, and the applicable attainment and maintenance plans, through local regulations. The SJVAPCD has developed plans to attain State and federal standards for ozone and particulate matter, which include emissions inventories to measure the sources of air pollutants and the use of computer modeling to estimate future levels of pollution and make sure that the Valley will meet air quality goals (SJVAPCD 2015). A State Implementation Plan for carbon monoxide has been adopted by the ARB for the entire state. The SJVAPCD regulations that would be applicable to the project are summarized below.

Regulation VIII (Fugitive Dust PM10 Prohibitions)

Rules 8011-8081 are designed to reduce PM₁₀ emissions (predominantly dust/dirt) generated by human activity, including construction and demolition activities, road construction, bulk materials storage, paved and unpaved roads, carryout and track out, landfill operations, etc.

Rule 4101 (Visible Emissions)

This rule prohibits emissions of visible air contaminants to the atmosphere and applies to any source operation that emits or may emit air contaminants.

SJVAPCD also has Rule 9510, known as the Indirect Source Rule, which requires specific percentage reductions in estimated on-site construction and operation emissions of NO_x and PM₁₀ from new development in the SJVAPCD, or payment of off-site mitigation fees if onsite reductions cannot be met. However, Rule 9510 applies only to residential development projects of at least 50 units, so the project would not be subject to Rule 9510.

Environmental Impacts and Mitigation Measures

In 2015, the SJVAPCD adopted a revised Guide for Assessing and Mitigating Air Quality Impacts (GAMAQI). GAMAQI defines an analysis methodology, thresholds of significance, and mitigation measures for the assessment of air quality impacts for projects within SJVAPCD’s jurisdiction. Table 3-2 shows the CEQA thresholds for significance for pollutant emissions within the SJVAPCD. The significance thresholds apply to emissions from both project construction and project operations.

TABLE 3-2
SJVAPCD SIGNIFICANCE THRESHOLDS AND
PROJECT AIR POLLUTANT EMISSIONS

	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Significance Thresholds¹	10	10	100	27	15	15
Construction Emissions ²	0.25	1.34	1.33	<0.01	0.09	0.07
<i>Exceeds Threshold?</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>
Operational Emissions ³	0.27	0.12	0.89	<0.01	0.12	0.04
<i>Exceeds Threshold?</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>

¹ Applies to both construction and operational emissions. Figures in tons per year.

² Maximum emissions in a calendar year.

³ Annual emissions.

Sources: CalEEMod Version 2016.3.2, SJVAPCD 2015.

a) Air Quality Plan Consistency.

The California Emissions Estimator Model (CalEEMod) was used to estimate both construction and operational emissions associated with the proposed project. The CalEEMod results are shown in Appendix A of this document, and Table 3-2 shows the maximum project construction emissions in a calendar year and the annual operational emissions based on the CalEEMod run. As indicated in Table 3-2, project construction and operational emissions would not exceed the applicable SJVAPCD significance thresholds, including those for NO_x, particulate matter, and CO. Because of this, project impacts related to air quality plans would be less than significant.

While project construction emissions would not be significant, the project would still be required to comply with applicable SJVAPCD rules and regulations, which would further reduce potential air quality impacts. As noted, SJVAPCD Regulation VIII contains

measures to reduce fugitive dust emissions during construction. Dust control provisions are also routinely included in site improvement plans and specifications, along with construction contracts. Application of these requirements would further reduce project impacts related to air quality plans that are already less than significant.

b) Cumulative Emissions.

As described above, the project would not generate operational emissions above SJVAPCD significance thresholds. The significance thresholds are applied to evaluate regional impacts of project-specific emissions of air pollutants. Regional impacts of a project can be characterized in terms of total annual emissions of criteria pollutants and their impact on SJVAPCD's ability to reach attainment of criteria pollutant standards. On that basis, the proposed project would not result in a considerable contribution to a significant cumulative air quality impact in the Air Basin. Project impacts related to cumulative emissions would be less than significant.

c) Exposure of Sensitive Receptors to Pollutants.

As defined in GAMAQI, sensitive receptors include residences, schools, parks and playgrounds, day care centers, nursing homes, and hospitals (SJVAPCD 2015). The project site is adjacent to residential areas to the east, south, and west. As noted, project construction and operational emissions would be below SJVAPCD significance thresholds for criteria pollutants. Implementation of applicable SJVAPCD rules and regulations, especially Regulation VIII, would further reduce emissions, making them less likely to reach these sensitive land uses.

A CO hotspot is an area of localized CO pollution that is caused by severe vehicle congestion on major roadways, typically near intersections. CO hotspots have the potential to expose receptors to emissions that violate state and/or federal CO standard even if the broader Basin is in attainment for federal and state levels. The GAMAQI indicates that a project would create no violations of the CO standards if neither of the following criteria are met (SJVAPCD 2015):

- A traffic study for the project indicates that the Level of Service (LOS) on one or more streets or at one or more intersections in the project vicinity will be reduced to LOS E or F; or
- A traffic study indicates that the project will substantially worsen an already existing LOS F on one or more streets or at one or more intersections in the project vicinity (See Section 3.17, Transportation, for an explanation of LOS).

As noted in Section 3.17, Transportation, the project would not generate a significant volume of traffic; therefore, intersections that may be affected by the project would not experience reductions in LOS to levels of E or F. Therefore, the project would have no adverse impact related to CO emissions.

Overall, the pollutant emissions estimated to be generated by the project are unlikely to reach nearby sensitive receptors at levels that would have an adverse impact. The potential exposure of sensitive receptors to pollutant emissions would be less than significant.

d) Odors and Other Emissions.

Residential development does not generate substantial odors that would affect nearby land uses, nor would it generate other significant emissions such as TACs. The project would have no impact related to odors or other emissions.

3.4 BIOLOGICAL RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?		✓		
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 Wildlife or U.S. Fish and Wildlife Service?				✓
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				✓
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?		✓		
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				✓
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan?				✓

NARRATIVE DISCUSSION

Environmental Setting

The project site is currently vacant except for a single-family residence and outbuilding in the southwestern corner. As noted in Section 3.2, Agriculture and Forestry Resources, the project site was apparently used for agricultural production in the past but not recently. A

field survey of the project site on May 12, 2021 found the predominant vegetation on the project site to be grasses and weeds. The grasses appeared to be mowed. Two large trees were observed near the center of the site. No blue elderberry shrubs or other shrubs were observed on the project site. No streams, ponds, or other waters were observed.

The project site is surrounded on three sides by development with high levels of activity and nearby roads with vehicle traffic, particularly SR 120. A very limited variety of mammals are likely to occur in the project site due to these surrounding land uses. No mammals were observed during the survey and no burrows potentially used by mammals, such as California ground squirrel, were observed in the site. No birds were observed during the field survey, although the existing trees are potential nesting sites.

Special-Status Species

Special-status species are plant or wildlife species that are in one or more of the following categories:

- Legally protected under the federal Endangered Species Act (ESA), the California Endangered Species Act (CESA), or other regulations.
- Designated rare, threatened, or endangered and candidate species for listing by the U.S. Fish and Wildlife Service (USFWS) and the California Department of Fish and Wildlife (CDFW).
- Considered rare enough by the scientific community and trustee agencies to warrant special consideration, particularly with regard to protection of isolated populations, nesting or denning locations, communal roosts, and other essential habitat.
- Considered rare or endangered under the conditions of CEQA Guidelines Section 15380, such as species identified on Lists 1A, 1B and 2 in the Inventory of Rare and Endangered Vascular Plants of California by the California Native Plant Society, and species that are considered sensitive or of special concern due to limited distribution or lack of adequate information to permit listing or rejection for state or federal status, such as those included on List 3 in the California Native Plant Society Inventory.

A search was conducted of the USFWS' IPaC database and the California Natural Diversity Database maintained by the California Department of Fish and Wildlife to determine the presence of special-status species in the vicinity of the project site. The results of these searches are available in Appendix B of this IS/MND.

Environmental Impacts and Mitigation Measures

a) Special-Status Species.

The IPac search indicated the presence of seven species listed under ESA in the project vicinity. The seven species and their likelihood of occurring on the project site are described below:

- Giant garter snake (Threatened) – Unlikely: requires aquatic habitat and adjacent upland area, neither of which are available on the project site.
- California red-legged frog (Threatened) – Unlikely: requires aquatic habitat and adjacent upland area, neither of which are available on the project site.
- California tiger salamander (Threatened) – Unlikely: habitat is grasslands and low foothills with pools or ponds, which are not available on the project site.
- Delta smelt (Threatened) – Unlikely: found in channels and sloughs of the Sacramento-San Joaquin Delta. The project site is not on or near any channels or sloughs.
- Valley elderberry longhorn beetle (Threatened) – Unlikely: requires elderberry shrubs, which are not found on the project site.
- Vernal pool fairy shrimp (Threatened) – Unlikely: requires vernal pools, which are not found on the project site.
- Vernal pool tadpole shrimp (Endangered) – Unlikely: requires vernal pools, which are not found on the project site.

The California Natural Diversity Database identified nine special-status species as potentially occurring in the project vicinity. One of these, the California tiger salamander, was also identified in the IPaC database and was considered unlikely to occur. The following species were also considered unlikely to occur on the project site.

- Hardhead (State Species of Special Concern) – fish species; no streams on or near project site.
- Steelhead, Central Valley DPS (federal Threatened) – fish species; no streams on or near project site.
- Chinook salmon, fall/late fall run ESU (State Species of Special Concern) – fish species; no streams on or near project site.
- Western bumble bee (State Candidate Endangered) – no floral resources for nectar and pollen available on the project site.
- Valley elderberry longhorn beetle (federal Threatened) – no blue elderberry shrub habitat exists on the project site.
- Northern California legless lizard (State Species of Special Concern) – prefers oak-annual grass association and lupine-stable dune association, neither of which exists on the project site.

The California Natural Diversity Database indicates the potential existence of two special-status species in the project vicinity: burrowing owl and Swainson’s hawk. Burrowing owl, a State Species of Special Concern, typically requires burrows made by ground squirrels for nesting. No ground squirrels or burrows were observed on the project site. In addition,

the grassland on the site shows evidence of having been disturbed, which would make the potential burrowing owl habitat more marginal. Therefore, burrowing owl is considered unlikely to occur on the project site.

Swainson's hawk, a bird species listed as Threatened under CESA, requires suitable foraging habitats such as grasslands or alfalfa fields supporting rodents. The project site does contain potential foraging habitat, albeit marginal. Also, the two trees on the project could potentially provide nesting habitat for Swainson's hawk. As such, Swainson's hawk could potentially occur on the project site and disturbance of the birds or their nests is considered potentially significant. Mitigation described below would avoid disturbance of Swainson's hawk or their nests, thereby reducing potential impacts to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

BIO-1: If construction commences between March 1 and September 15, the City or its contractor shall conduct pre-construction surveys for nesting Swainson's hawks within 0.25 miles of the project site. If active nests are found, a qualified biologist shall determine the need (if any) for temporal restrictions on construction, which shall be implemented upon commencement of construction activities. The determination shall be consistent with criteria set forth in the California Department of Fish and Wildlife's *Staff Report regarding Mitigation for Impacts to Swainson's Hawks (Buteo Swainsoni) in the Central Valley of California* (1994).

Significance After Mitigation: Less than significant

b) Riparian and Other Sensitive Habitats.

As noted, there are no streams on the project site; therefore, no riparian habitat exists. No potential vernal pools or other sensitive habitats were observed and are considered unlikely to occur, given past activities on the site. The project would have no impact on riparian and other sensitive habitats.

c) State and Federal Jurisdictional Wetlands.

Waters of the U.S., including wetlands, are broadly defined under 33 Code of Federal Regulations 328 to include navigable waterways, their tributaries, and adjacent wetlands. "Waters of the State", subject to oversight by the State Water Resources Control Board (SWRCB) and by the Regional Water Quality Control Board (RWQCB) with jurisdiction over the affected water, include isolated wetlands not covered by federal regulations.

As noted, no waters were observed on the site. A search of the National Wetlands Inventory indicated only one potential Water of the U.S. in the vicinity – a ditch along the railroad tracks. The project would not disturb this ditch, as it is within the railroad right-of-way. Project impacts on State or federal jurisdictional wetlands would be less than significant.

d) Fish and Wildlife Movement.

There are no streams either on or adjacent to the project site, so no fish movements would be affected by the project. Due to the presence of large trees near the site and potential foraging habitat (i.e., open fields) on and near the site, it is possible one or more pairs of raptors and smaller birds, such as songbirds, could potentially nest within the project site. Some of these birds may be migratory birds protected by the Migratory Bird Treaty Act. Development of the project could lead to a loss of nesting and foraging habitat of these protected migratory birds and could potentially disrupt their nesting activities. This is a potentially significant impact.

Mitigation described below would require a survey for nesting birds prior to construction and a delay in construction to protect active nests if any are found. Implementation of this mitigation measure would reduce project impacts on protected migratory birds to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

BIO-2: If construction commences during the general avian nesting season (March 1 through July 31), a pre-construction survey for nesting birds will be required prior to commencement of construction activities. If active nests are found, work in the vicinity of the nest shall be delayed until the young fledge. If no active nests are found, no further action needs to be taken.

Significance After Mitigation: Less than significant

e) Local Biological Requirements.

Chapter 12.12 of the Escalon Municipal Code, also known as the Tree Ordinance, sets forth procedures designed to preserve, maintain, and protect mature trees. However, this ordinance applies only to street trees. Therefore, this ordinance would not cover the existing trees on the project site. No other local biological requirements have been enacted by the City. The project would have no impact on local biological requirements.

f) Conflict with Habitat Conservation Plans.

The San Joaquin County Multi-Species Open Space and Habitat Conservation Plan (SJMSCP) is a comprehensive plan for assessing and mitigating the biological impacts of converting open space or biologically sensitive lands to urban development in San Joaquin County and its incorporated cities. For the conversion of open space to non-open space uses that affect covered plant, fish, and wildlife species, the SJMSCP provides three compensation methods: preservation of existing sensitive lands, creation of new comparable habitat on the project site, or payment of fees that would be used to secure preserve lands outside the project site. In addition to fee payments, the SJMSCP identifies Incidental Take Minimization Measures - protection measures that avoid direct impacts of development on special-status species - with which projects are required to comply

(SJCOG 2000). The San Joaquin Council of Governments (SJCOG) implements the SJMSCP on a project-by-project basis.

The City participates in the SJMSCP, as set forth in Escalon Municipal Code Chapter 15.50, which states that new development in general will pay approximately 60 percent of total SJMSCP costs. As such, the project would be required to comply with applicable provisions and measures of the SJMSCP, as determined by SJCOG. No other habitat conservation plans apply to the project site. The project would have no impact related to conflict with habitat conservation plans.

3.5 CULTURAL RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?			✓	
b) Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to Section 15064.5?		✓		
c) Disturb any human remains, including those interred outside of formal cemeteries?			✓	

NARRATIVE DISCUSSION

Information for this section is provided from a Cultural Resources Inventory and Evaluation Report prepared for the project by Solano Archaeological Services LLC, available in Appendix C of this document. The report evaluated the potential presence of archaeological and historical resources on the project site, which was designated the Area of Potential Effect for federal environmental review purposes that are independent of this analysis. Background research was conducted through the Central California Information Center of the California Historical Resources Information System, along with additional archival research. Solano Archaeological Services also conducted a field survey of the project site for signs of any cultural resources.

Environmental Setting

The project site, along with the City of Escalon, lies within the traditional territory of the Northern Valley Yokuts, whose lands extended from the San Joaquin River near Mendota north to the confluence of the San Joaquin and Calaveras Rivers. Section 3.18, Tribal Cultural Resources, discusses the Yokuts and potential tribal cultural resources in more detail.

The first Euro-American known to have settled in what would become Escalon was John Wheeler Jones. Jones and his family arrived in California in 1852 and in 1855, Jones settled

on what was then government land close to the well-traveled French Camp Road which at the time was a major transportation route to the foothill mines. He took up farming and began expanding his land holdings and raising livestock, eventually owning up to 40,000 acres, 4,000 acres of which were in the Escalon area. In 1894, the son of John Wheeler Jones, James Wesley Jones, learned that the Valley Railroad planned to build a rail line across his land, so he hired a surveyor and laid out a town. He named the town Escalon, a Spanish word for “steppingstone” or “stair step.” The town grew throughout the late 19th and early 20th centuries and eventually incorporated in 1957.

Research by Solano Archaeological Services indicated that public lands within and near the project site were granted to several private individuals and the Central Pacific Railroad under the 1862 Pacific Railroad Act and the Scrip Warrant Acts of 1842 and 1855. A review of historical maps indicated no development on the project site until approximately 1953, where a presently existing house at the intersection of Irwin Avenue and California Avenue was in place, along with several outbuildings and possible agricultural structures. By the late 1960s, the project site appeared to be heavily developed, but by 2002 only three buildings remained - the house and two outbuildings along California Street.

Results of a search by the Central California Information Center found a record of one cultural resource - an active rail line immediately adjacent to the northern boundary of the project site but not within the site. An additional 22 prehistoric and historic-era sites and features have been documented within a half-mile search area. The field survey conducted by Solano Archaeological Services found no prehistoric or historic-era cultural sites or artifacts, other than an abandoned wood frame house, an adjacent masonry outbuilding, and two concrete building pads along California Street.

Environmental Impacts and Mitigation Measures

a) Historical Resources.

As noted, a records search conducted by the Central California Information Center found no documented historic resources on the project site. However, the field survey identified the existing house, outbuilding, and building pads along California Street as potential historical resources. The potential value of these structures was evaluated by Evans and DeShazo. The results of the historical resource evaluation, available in Appendix C, indicated that these structures have no historical resource value. As a consequence, the removal of these structures would not adversely affect a historical resource. Project impacts on historical resources would be less than significant.

b) Archaeological Resources.

The project site is not within any geological formation known to contain archaeological resources, and no onsite water sources which might have attract prehistoric activities have been identified. A records search conducted at the Central California Information Center found no documented archaeological resources on the project site. The field survey found no evidence for such resources. Given past disturbance of the project site, it is unlikely that any archaeological resources would be found intact.

However, it is conceivable that excavation associated with the project could unearth archaeological materials of significance that are currently unknown. Procedures to address archaeological discoveries if they should occur are set forth in the mitigation measure below. Implementation of this mitigation would reduce potential impacts to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

CULT-1: If any subsurface cultural resources are encountered during project construction, all construction activities within 50 feet of the encounter shall be halted until a qualified archaeologist can examine these materials, determine their significance, and, if significant, recommend mitigation measures that would reduce potential effects to a level that is less than significant. Recommended measures could include, but are not limited to, 1) preservation in place, or 2) excavation, recovery, and curation by qualified professionals. The City of Escalon Community Development Department and the HACSJ shall be notified, and the project developer shall be responsible for retaining qualified professionals, implementing recommended mitigation measures, and documenting mitigation efforts in a written report to the City's Community Development Department and the HACSJ, consistent with the requirements of the CEQA Guidelines. If burial resources or tribal cultural resources are discovered, the City shall notify the appropriate tribal representative, who may examine the materials with the archaeologist and advise the City as to their significance and disposition.

Significance after Mitigation: Less than significant

c) Human Burials.

As with other cultural resources, it is not expected that any human burials, particularly those of Native Americans, would be uncovered by construction on the project site, given its extensive disturbance and location distant from probable Native American settlements. However, it is conceivable that excavation associated with the project could uncover a previously unknown burial.

CEQA Guidelines Section 15064.5(e) describes the procedure to be followed when human remains are uncovered in a location outside a dedicated cemetery. All work in the vicinity of the find shall be halted, and the County Coroner shall be notified to determine if an investigation of the death is required, in accordance with California Health and Safety Code Section 7050.5. If it is determined that the remains are Native American in origin, then the County Coroner must contact the Native American Heritage Commission within 24 hours. The Native American Heritage Commission shall identify the most likely descendants of the deceased Native American, and the most likely descendants may make recommendations on the disposition of the remains and any associated grave goods with

appropriate dignity. If a most likely descendant cannot be identified, the descendant fails to make a recommendation, or the landowner rejects the recommendations of the most likely descendant, then the landowner shall rebury the remains and associated grave goods with appropriate dignity on the property in a location not subject to further disturbance.

Compliance with the provisions of CEQA Guidelines Section 15064.5(e) would ensure that any human remains and associated grave goods encountered during project construction would be treated with appropriate dignity. Project impacts on human remains would be less than significant.

3.6 ENERGY

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in potentially significant environmental impacts due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?			✓	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			✓	

NARRATIVE DISCUSSION

Environmental Setting

Electricity is a major energy source for residences and businesses in California. In San Joaquin County, based upon the most recent information available, electricity consumption in 2019 totaled approximately 5,583 million kilowatt-hours, of which approximately 1,893 million kilowatt-hours were consumed by residential uses and the remainder by non-residential uses (CEC 2021a). In 2019, natural gas consumption in San Joaquin County totaled approximately 259 million therms, of which approximately 89 million therms were consumed by residential uses and the remainder by non-residential uses (CEC 2021b). Motor vehicle trips also account for substantial energy usage. The SJCOG estimated countywide daily vehicle miles traveled (VMT) was 17,868,785 miles in 2015, which led to the consumption of approximately 511 million gallons of gasoline and diesel fuel (SJCOG 2018b).

The State of California has adopted comprehensive energy efficiency standards as part of its Building Standards Code, California Code of Regulations, Title 24. The State has also adopted the California Green Building Standards Code, also known as CALGreen. CALGreen sets forth mandatory measures, applicable to new residential and nonresidential structures as well as additions and alterations, on water efficiency and conservation, building material conservation, and interior environmental quality. It also mentions energy efficiency, although CALGreen defers to Title 24 for actions. The City has adopted the 2019 version of CALGreen.

Environmental Impacts and Mitigation Measures

a) Project Energy Consumption.

Project construction would involve fuel consumption and use of other non-renewable resources. Construction equipment used for such improvements typically runs on diesel fuel or gasoline. The same fuels typically are used for vehicles that transport equipment and workers to and from a construction site. However, construction-related fuel consumption would be finite, short-term and consistent with construction activities of a similar character. This energy use would not be considered wasteful, inefficient, or unnecessary.

Electricity may be used for equipment operation during construction activities. It is expected that more electrical construction equipment would be used in the future, as it would generate fewer air pollutant emissions. This electrical consumption would be consistent with construction activities of a similar character; therefore, the use of electricity in construction activities would not be considered wasteful, inefficient, or unnecessary, especially since fossil fuel consumption would be reduced. Moreover, under California's Renewables Portfolio Standard, a greater share of electricity would be provided from renewable energy sources over time, so less fossil fuel consumption to generate electricity would occur. Section 3.8, Greenhouse Gas Emissions, discusses the Renewables Portfolio Standard in detail.

The most recent Residential Energy Consumption Survey by the U.S. Energy Information Administration found that average annual energy consumption by residential units in buildings with two to four units located in the western United States was 5,173 kilowatt-hours of electricity per household and 252 cubic feet of natural gas per household (EIA 2018). Based on these factors, proposed development on the project site would consume approximately 248,304 kilowatt-hours of electricity and 12,096 cubic feet of natural gas annually.

The project would be required to comply with applicable provisions of Title 24 and the adopted CALGreen in effect at the time of project approval. The provisions of these codes are intended to increase energy efficiency of buildings, thereby reducing energy consumption. Compliance with these standards would reduce energy consumption associated with project operations. Overall, project construction and operations would not consume energy resources in a manner considered wasteful, inefficient, or unnecessary. Project impacts related to energy consumption would be less than significant.

b) Consistency with Energy Plans.

The City does not have adopted renewable energy or energy efficiency plans. However, the City has adopted the 2019 version of CALGreen, which contain provisions that promote energy efficiency. The project would be required to comply with the applicable requirements of CALGreen and Title 24, which are designed to improve energy efficiency of structure, thereby forwarding State energy conservation goals. Project impacts related to energy plans would be less than significant.

3.7 GEOLOGY AND SOILS

Would the project:

a) Directly or indirectly cause 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? (Refer to Division of Mines and Geology Special Publication 42.)
- ii) Strong seismic ground shaking?
- iii) Seismic-related ground failure, including liquefaction?
- iv) Landslides?

b) Result in substantial soil erosion or the loss of topsoil?

c) Be located on strata or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

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?

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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? (Refer to Division of Mines and Geology Special Publication 42.)				✓
ii) Strong seismic ground shaking?			✓	
iii) Seismic-related ground failure, including liquefaction?			✓	
iv) Landslides?				✓
b) Result in substantial soil erosion or the loss of topsoil?		✓		
c) Be located on strata or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			✓	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				✓
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?				✓
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		✓		

NARRATIVE DISCUSSION

Environmental Setting

Topography and Geology

The project site lies in the San Joaquin Valley in central California. The San Joaquin Valley is the southern portion of the Great Valley Geomorphic Province, which is a topographically flat, northwest-trending, structural trough about 50 miles wide and 450 miles long. The San Joaquin Valley is filled with thick sedimentary rock sequences that were deposited as much as 130 million years ago. The Geologic Map of the San Francisco

– San Jose Quadrangle (Wagner et al. 1991) designates the underlying geology of the project site as the Modesto Formation, consisting of geologically recent sediments.

Project Site Soils

Most of the soils in the San Joaquin Valley consist of sand, silt, loamy clay alluvium, peat, and other organic sediments. These soils are the result of long-term natural soil deposition and the decomposition of marshland vegetation. According to a custom soil survey for the project site, there are two soil types on the project site (SCS 1992, NRCS 2021):

- Honcut sandy loam, 0 to 2 percent slopes (identified as 175 in Figure 3-1). This is a very deep, well-drained, nearly level soil formed in alluvium from granitic rock sources. The permeability of Honcut soil is moderately rapid, and runoff is slow. Water erosion hazard is slight, and the hazard of wind erosion is moderate. The expansive (shrink-swell) potential of this soil is low. Honcut soil is found on the project site along the California Street frontage.
- Veritas fine sandy loam, 0 to 2 percent slopes (identified as 266 in Figure 3-1). This is a moderately well-drained soil, nearly level that is deep to a hardpan. It formed in alluvium derived from mixed rock sources. The permeability of Veritas soil is rapid, and runoff is slow. Water erosion hazard is slight, and the hazard of wind erosion is moderate. The expansive potential of this soil is low. This is the predominant soil type on the project site.

For all projects that disturb one acre of land or more, a Construction General Permit is required from the SWRCB. The permit requirements include preparation of a Storm Water Pollution Prevention Plan (SWPPP) by a Qualified SWPPP Developer to address potential water quality issues. A SWPPP specifies the Best Management Practices (BMPs) needed to avoid or minimize adverse water quality impacts. Construction BMPs fall within the general categories of Temporary Soil Stabilization, Temporary Sediment Control, Wind Erosion Control, Tracking Control, Non-Storm Water Management, and Waste Management and Materials Pollution Control. BMPs applicable to the project are incorporated in the SWPPP as required. BMPs are incorporated into project improvement plans and specifications, subject to the approval of the City Engineer. BMP function and effectiveness are monitored and reported, and remediation is required to address pollution occurrence.

Seismic and Geologic Hazards

No faults have been mapped in or near the City of Escalon. Outside the County are several faults that are definitely known to be active. The San Andreas system is the most widely known. This system comprises several individually named fault zones in the San Francisco Bay area, the principal ones being the San Andreas, Hayward, and Calaveras. Information indicates that ground shaking along these faults can produce damage within the County that reaches varying intensities. East of San Joaquin County, the Melones Fault and the Bear Mountain Fault have been identified. These are not judged to pose a seismic threat to the County (City of Escalon 2004).

Custom Soil Resource Report
Soil Map



When coarse sediments are saturated and compact during an earthquake, soils may lose strength and become fluid, a process called liquefaction. Water from voids may be forced to the ground surface, where it emerges in the form of mud spouts or sand boils. The Escalon General Plan states that the City is not within any areas identified by the California Geological Survey as having a high liquefaction potential (City of Escalon 2019). As discussed in Section 3.10, Hydrology and Water Quality, groundwater levels in the Escalon area are in the range of 80-90 feet below the ground surface (San Joaquin County FCWCD 2018), and liquefaction occurs in areas with relatively shallow depths to groundwater.

Paleontological Resources

Paleontological resources are fossils or groups of fossils that are unique, unusual, rare, uncommon, or important, and that add to an existing body of knowledge in specific areas. Surface examination of a study or project area often does not reveal whether paleontological resources are present. A record search of the Museum of Paleontology at the University of California in Berkeley indicated that 97 paleontological finds have been made in the County (UCMP 2020). Most specimens from the County have been found in rock formations in the foothills of the Diablo Mountain Range. However, remains of extinct animals, such as mammoth, could be found virtually anywhere in the County, especially along watercourses such as the San Joaquin River and its tributaries (San Joaquin County 2016).

Environmental Impacts and Mitigation Measures

a-i) Fault Rupture Hazards.

No faults, including active or potentially active faults, have been mapped in the Escalon area. The project site is not in an area designated as an Alquist-Priolo Earthquake Fault Zone (California Geological Survey 2018). The closest designated active fault is the Ortigalita fault, which is a Holocene fault approximately 29 miles to the west of the project site. The project would have no impact related to a fault rupture hazard.

a-ii, iii) Seismic Hazards.

As noted above, the project site is potentially subject to ground shaking from nearby fault systems, which represent a hazard to buildings and infrastructure. All new buildings in Escalon are required to be built in accordance with the most recent version of the California Building Code adopted by the City. The California Building Code includes provisions related to seismic safety, compliance with which requires buildings, based on occupancy type, to be constructed to withstand anticipated ground shaking. Liquefaction is unlikely to occur, given the depth to the groundwater table at the project site. Project impacts related to seismic hazards are considered less than significant.

a-iv) Landslides.

The topography of the project area and surrounding area is flat; therefore, landslides would not occur. The project would have no impact related to this issue.

b) Soil Erosion.

As noted above, both soil types on the project site have a low potential for water erosion and a moderate potential for wind erosion.

The project would be required to obtain a Construction General Permit from the SWRCB and to comply with its provisions, including preparation of a SWPPP, which is required by the mitigation measure below. Compliance with the mitigation measure, along with other applicable regulations, would minimize the amount of sediment that leaves the construction site and potential construction water quality effects, thereby reducing soil erosion impacts to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

GEO-1: Prior to commencement of construction activity, the developer shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) for the project and file a Notice of Intent with the State Water Resources Control Board (SWRCB) in compliance with the Construction General Permit and City of Escalon storm water requirements. The SWPPP shall be available on the construction site at all times. The developer shall incorporate an Erosion Control Plan consistent with all applicable provisions of the SWPPP within the site improvement and building plans. The developer also shall submit the SWRCB Waste Discharger's Identification Number to the City prior to approval of development or grading plans.

Significance after Mitigation: Less than significant

c) Geologic Instability.

Ground failure induced by seismic activity is a factor in making some lands unsuitable for development. None of the area within the Escalon General Plan area, which includes the project site, is composed of geological formations susceptible to such failure. As noted, all new development must comply with the California Building Code adopted at the time of project approval. The code contains provisions that would minimize soil stability hazards. Project impacts related to geologic instability would be less than significant.

d) Expansive Soils.

As noted, soils on the project site have a low expansive potential. As such the soils are not expected to adversely affect buildings or infrastructure installed on the project site. The project would have no impact related to expansive soils.

e) Adequacy of Soils for Sewage Disposal.

The project would be connected to the City's sewer system. It would not use, and does not propose to install, any septic systems or alternative disposal systems. The project would have no impact related to soil adequacy for sewage disposal.

f) Paleontological Resources and Unique Geological Features.

The project site is flat and contains no geological features that may be considered unique. The project site is underlain by the Modesto Formation, which has been a source of paleontological finds. Given past agricultural activities on the project site, it is unlikely that any intact paleontological resources would be encountered. However, it is conceivable that currently unknown resources may be uncovered during project construction activities. Procedures to address paleontological discoveries if they should occur are set forth in the mitigation measure below. Implementation of this mitigation would reduce potential impacts to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

GEO-2: If any subsurface paleontological resources are encountered during construction of the project, all construction activities within 50 feet of the encounter shall be halted until a qualified paleontologist can examine these materials, determine their significance and, if significant, recommend further mitigation measures that would reduce potential effects to a level that is less than significant. Recommended measures may include, but are not limited to, 1) preservation in place, or 2) excavation, recovery, and curation by qualified professionals. The City of Escalon Community Development Department and the HACSJ shall be notified, and the project developer shall be responsible for retaining qualified professionals, implementing recommended mitigation measures, and documenting mitigation efforts in a written report to the City’s Community Development Department and the HACSJ, consistent with the requirements of the CEQA Guidelines.

Significance after Mitigation: Less than significant

3.8 GREENHOUSE GAS EMISSIONS

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			✓	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			✓	

NARRATIVE DISCUSSION

Environmental Setting

GHG Background

Greenhouse gases (GHGs) are gases that absorb and emit radiation within the thermal infrared range, trapping heat in the earth's atmosphere. GHGs are both naturally occurring and are emitted by human activity. Increased atmospheric concentrations of GHGs are considered a primary contributor to global climate change, which is a subject of concern for the State of California. Potential climate change impacts occurring in the San Joaquin Valley include more intense and frequent heat waves, higher frequency of catastrophic floods, more intense and frequent drought, and more severe and frequent wildfires (Westerling et al. 2018).

GHG emissions in California in 2018, the most recent year for which data are available, were estimated at approximately 425 million metric tons carbon dioxide equivalent (CO₂e) – a decrease of approximately 13% from the peak level in 2004. Transportation was the largest contributor to GHG emissions in California, with approximately 40% of total emissions. Other significant sources include industrial activities, with approximately 21% of total emissions, and electric power generation, both in-state and imported, with approximately 15% of total emissions (ARB 2020).

Unlike the criteria air pollutants described in Section 3.3, Air Quality, GHGs have no “attainment” standards established by the federal or State government. In fact, GHGs are not generally thought of as traditional air pollutants because their impacts are global in nature, while air pollutants mainly affect the general region of their release to the atmosphere (SJVAPCD 2015). Nevertheless, the U.S. Environmental Protection Agency (EPA) has found that GHG emissions endanger both the public health and public welfare under Section 202(a) of the Clean Air Act due to their impacts associated with climate change (EPA 2009).

GHG Emission Reduction Plans

The State of California has implemented GHG emission reduction strategies and legislation in recent years. Most recently, in 2016, Senate Bill (SB) 32 was enacted. SB 32 mandates statewide reductions in GHG emissions to levels that are 40% below 1990 levels by the year 2030. The State adopted a Scoping Plan in 2017 that sets forth strategies for achieving the SB 32 target. The updated Scoping Plan continues many of the programs that were part of the previous Scoping Plans, including the cap-and-trade program, low-carbon fuel standards, renewable energy, and methane reduction strategies. It also addresses, for the first time, GHG emissions from the natural and working lands of California, including the agriculture and forestry sectors (ARB 2017). The 2017 Scoping Plan is currently in the process of being updated.

Cities and counties throughout California have prepared Climate Action Plans that outline how the local government will reduce GHG emissions, which are typically related to the 2020 emission reduction target set in the State's Climate Change Scoping Plan. The City

currently has no Climate Action Plan or other GHG reduction plan, and the 2020 target date has passed. However, the City has several policies and implementation strategies in its General Plan that pertain to GHG emissions. These include (City of Escalon 2019):

- Coordinate with other local and regional jurisdictions, including the SJVAPCD, SJCOG, and the ARB, in the development and implementation of regional and county plans, programs, and mitigation measures that address cross-jurisdictional and regional air quality impacts, including transportation and climate change impacts, and incorporate the relevant provisions of those plans into City planning and project review procedures.
- Continue to implement broad-scale General Plan strategies to decrease the generation of air pollution and greenhouse gas emissions through the reduction of vehicle miles traveled, excessive vehicle traffic congestion, and excessive engine idling by providing public transportation options and making land use planning decisions that encourage pedestrian, bicycle, and transit trips rather than private passenger vehicle trips.
- Review development and land use projects to ensure that measures are incorporated to reduce air pollutants, including particulate matter emissions, and greenhouse gases associated with project design, site preparation, grading, and construction as conditions of approval for all development projects, subdivision maps, site plans, and grading permits.

Environmental Impacts and Mitigation Measures

a, b) Project GHG Emissions and Consistency with GHG Reduction Plans.

The CalEEMod model estimated the total GHG construction and operational emissions associated with the project (see Appendix A). Table 3-3 presents the results of the CalEEMod run.

TABLE 3-3
GHG EMISSIONS FROM PROJECT

GHG Emission Type	Unmitigated Emissions (metric tons CO₂e)	Mitigated Emissions (metric tons CO₂e)
Construction ¹	361.3	361.3
Operational ²	181.1	136.0

¹ Total emissions for construction period.

² Annual emissions.

Sources: California Emissions Estimator Model v. 2020.4.0.

“Mitigated emissions” are the result of project compliance with applicable laws, rules, and regulations, along with inclusion of project features that reduce GHG emissions. These include the following:

- The density of residential development on the project site (16 dwelling units per acre).
- Increase in the diversity of land uses in the area.
- The project site is approximately 0.75 miles from a transit stop.
- The project site is approximately 0.75 miles from downtown Escalon.
- The project offers 100% of its units below market rate. A project consisting of a high percentage of affordable housing is considered to generate less VMT than a market-rate housing project (OPR 2018), and therefore fewer GHG emissions.
- The project would add sidewalks to the site that would connect to the existing network in the vicinity.
- SB X7-7 in 2009 sets an overall goal of reducing per capita urban water use by 20% by December 31, 2020. The California Green Building Code mandates a 20% reduction in indoor water use.
- AB 341 establishes the goal of diverting 75% of California's waste stream from landfills by 2020.

GHG construction emissions would be limited due to the length of time of construction activity; these emissions would cease once work is completed. Mitigated operational GHG emissions would be approximately 24.9% less than under business-as-usual (unmitigated) conditions.

The project would be consistent with the reduction targets of the State's 2017 Scoping Plan, which proposes various measures to achieve the 2030 target set under SB 32. Most of these are State measures, such as use of the cap-and-trade program, the Short-Lived Climate Pollutant Plan, and achievement of the 50% renewable sources of electricity in the Renewables Portfolio Standard. Based on estimates in the 2017 Scoping Plan, State actions would account for 89.8% of GHG reductions needed by 2030, with local actions responsible for approximately 9.3% of reductions to meet the 2030 target. A project that can show GHG reductions greater than 9.3% from business-as-usual conditions can be said to be consistent with the reduction goals of SB 32. The 24.9% reduction associated with the project would exceed this local share.

As noted above, the project includes features that would reduce GHG emissions. These features would be consistent with the policies and implementation strategies of the Escalon General Plan described above. Overall, impacts related to GHG emissions and GHG reduction plans would be less than significant.

3.9 HAZARDS AND HAZARDOUS MATERIALS

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			✓	
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?			✓	
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				✓
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			✓	
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 or excessive noise for people residing or working in the project area?				✓
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?		✓		
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?				✓

NARRATIVE DISCUSSION

Environmental Setting

This section focuses on hazards associated with hazardous materials, proximity to airports, and wildfires. Geologic and soil hazards are addressed in Section 3.7, Geology and Soils, and potential flooding hazards are addressed in Section 3.10, Hydrology and Water Quality.

Data on recorded hazardous material sites are kept in the GeoTracker database, maintained by the SWRCB, and in the EnviroStor database, maintained by the California Department of Toxic Substances Control (DTSC). Both GeoTracker and EnviroStor provide the names and addresses of documented hazardous material sites, along with their cleanup status. A

search of both GeoTracker and EnviroStor databases indicated no record of any active hazardous material site on or within one-half mile of the project site (SWRCB 2021, DTSC 2021). A list of solid waste disposal sites identified by SWRCB with waste constituents above hazardous waste levels outside the waste management unit did not show any locations at the project site or vicinity (CalEPA 2016a). Likewise, a list by SWRCB containing sites under Cease and Desist Orders and Cleanup and Abatement Orders showed no locations (CalEPA 2016b).

There are no public airports in the Escalon area. The nearest public airports are Modesto City-County Airport to the south and Oakdale Airport to the east. Both airports are approximately 11.5 miles away from the project site.

Wildland fires, resulting from both man-made and natural causes, can occur in brush or grasslands, primarily in sparsely developed or existing open space lands. Structures and urban development may be threatened or destroyed in the area of wildland fires (City of Escalon 2004).

Environmental Impacts and Mitigation Measures

a) Hazardous Material Transport, Use, and Storage.

Hazardous materials that are likely to be used and stored on the project site would include cleaning products, and pesticides, herbicides, and fertilizers for landscaping. The amount of these potential hazardous materials that would be stored would likely be below that required for the preparation of a Hazardous Material Business Plan that would be submitted to the County Environmental Health Department. Such a plan must be prepared by any facility that handles a hazardous material or mixture containing a hazardous material that has a quantity at any one time during the reporting year equal to or greater than 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for a compressed gas. None of the anticipated hazardous materials to be used by the project would be stored in such quantities. Project impacts related to transport, use, or storage of hazardous materials would be less than significant.

b) Release of Hazardous Materials.

As noted in a) above, the project implementation would not involve the transport, use, or storage of hazardous materials in substantial quantities. These materials are not expected to be in quantities large enough to pose a threat to human health and the environment if released.

Construction activities on the project site may involve the use of hazardous materials such as fuels and solvents, and thus create a potential for hazardous material spills. Construction and maintenance vehicles would transport and use fuels in ordinary quantities. Fuel spills, if any occur, would be minimal and would not typically have significant adverse effects. Potential hazardous materials spills during construction are addressed in the required SWPPP, described in Section 3.7, Geology and Soils. In accordance with SWPPP requirements, contractors have absorbent materials at construction sites to clean up minor spills. Other substances used in the construction process would be stored in approved

containers and used in relatively small quantities, in accordance with the manufacturers' recommendations and/or applicable regulations.

County Assessor records indicate that the single-family residence on the project site was constructed in 1930. The age of the onsite residence, which would be demolished as part of the project, may indicate the presence of asbestos-containing materials and lead-based paints. Demolition could release these substances into the local environment.

Prior to any demolition work, a demolition permit must be obtained, one of the requirements of which is approval from the SJVAPCD. The City must receive a Demolition Permit Release Form from the SJVAPCD prior to issuing the demolition permit. The form certifies that the demolition complies with the requirements of the National Emissions Standards for Hazardous Air Pollutants (NESHAP), which govern asbestos removal. SJVAPCD Rule 4002 follows the NESHAP standards. Therefore, demolition work associated with the projects would be required to comply with NESHAP and Rule 4002, which would minimize releases of asbestos into the environment.

Lead-based paint removal is governed by the California Code of Regulations, Title 17, Division 1, Chapter 8, Sections 35001-36100. This requires that work on any structure built before January 1, 1978 must use lead-safe work practices, including containment and cleaning the work area after the project is completed. The regulations also cover accreditation of training providers and certification of individuals to perform lead abatement, and they set work practice standards for lead hazard evaluations and the abatement of lead hazards.

Compliance with these rules and regulations would minimize the potential impact of release of hazardous materials, specifically asbestos and lead-based paints, into the environment. Overall, impacts related to releases of hazardous materials would be less than significant.

c) Hazardous Materials Releases near Schools.

The nearest school to the project site is El Portal Middle School, approximately one-quarter miles to the south. However, as noted in b) above, project construction and operations would not require the handling or transport of acutely hazardous materials or waste that would endanger schools or the public. The use of small quantities of hazardous materials during project construction would be limited to the project site and would not occur near any schools. The project would not produce hazardous emissions. The project would have no impact on schools within one-quarter mile of the project site.

d) Hazardous Materials Sites.

As previously noted, a search of the GeoTracker and EnviroStor databases and other listings did not identify any active hazardous material sites on or near the project site. However, past agricultural uses of the project site could have potentially left residual agricultural chemicals in the soils that could pose a health risk to workers and to future residents if at high enough concentrations.

Condor Earth conducted a Phase I Environmental Site Assessment to determine if potential hazardous material contamination (called a “recognized environmental condition”) may exist on the project site that would require further investigation. Appendix D contains this assessment. The results of the Phase I Environmental Site Assessment indicated the following recognized environmental conditions were potentially present on the project site (Condor Earth 2021a):

- Agricultural activities on the project site for approximately 50 years may have involved the use of organochlorine pesticides and arsenic compounds that were widely used in agriculture during that time. Both arsenic and organochlorine pesticides are persistent bio-accumulative toxic substances and may be present at elevated concentrations.
- The use of the property for livestock purposes for approximately 40 years may have involved the use of acaricides, which may present a risk of residual chemicals in the soil. Acaricides may include substances similar to organochlorine pesticides.
- Regarding the existing structures on the project site, painted wood structures pre-dating the 1970s were likely painted with lead-based paint, and lead may be elevated in soil around the building perimeters. Asbestos-containing building materials may be present in structures. Soil around the building perimeters may contain chlorinated pesticides from termiticide application.
- The presence of a vent line and possible fill tube on the west side of the residence suggests the presence of an historical heating oil tank, which may present a risk of residual chemicals in the soil.

Condor Earth subsequently conducted a Limited Phase II Environmental Site Assessment to address the recognized environmental conditions identified in the previous assessment. Appendix D also contains this assessment. The Limited Phase II Environmental Site Assessment involved the sampling of soils at specific locations on the project site, particularly near the existing residence. The results of the sampling found no concentrations of organochlorine pesticides, arsenic, or lead that exceeded levels determined to be a threat to human health. No other agricultural chemicals were detected. Condor Earth further explored the presence of metal piping/vent lines on the west side of the dwelling and found no evidence of a buried heating oil tank (Condor Earth 2021b).

Based on the findings of its Limited Phase II Environmental Site Assessment, Condor Earth concluded that the project site is considered acceptable for unrestricted uses (Condor Earth 2021b). Potential impacts related to asbestos and lead-paint paint were analyzed in b) above and were determined to be less than significant with implementation of applicable regulations. Project impacts related to hazardous material sites are less than significant.

e) Public Airport Operations.

As noted, there are no airports in Escalon or in its vicinity. The project would have no impact related to potential airport hazards.

f) Emergency Response and Evacuations.

The project would not obstruct adjacent streets once construction work is completed. Project construction work would mostly occur on the project site. However, the adjacent segments of Irwin Avenue and California Street would be improved, and connections to utility lines beneath these streets would be made. While construction work would be temporary and would cease once work is completed, it could have the potential of restricting lanes such that emergency response or emergency evacuation could be affected. Mitigation presented below would ensure that access would be maintained during construction activities within adjacent streets, thereby reducing impacts to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

HAZ-1: Prior to the start of project construction, the developer shall prepare and implement a Traffic Control Plan, which shall include such items as traffic control requirements, resident notification of access closure, and daily access restoration. The contractor shall specify dates and times of road closures or restrictions, if any, and shall ensure that adequate access will be provided for emergency vehicles. The Traffic Control Plan shall be reviewed and approved by the City Department of Public Works and shall be coordinated with the Escalon Police Department and the Escalon Consolidated Fire Protection District if construction will require road closures or lane restrictions.

Significance After Mitigation: Less than significant

g) Wildland Fire Hazards.

The project site is not in an area susceptible to wildland fires; land is either agricultural or developed. The project site, in its current mostly undeveloped condition, presents the greatest wildland fire risk. The project would eliminate the existing wildland fire hazard by replacing the grasses and weeds with a paved and developed area. The project would have no impact related to wildland fire hazards. Section 3.20, Wildfire, provides a more detailed analysis of wildfire impacts.

3.10 HYDROLOGY AND WATER QUALITY

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?			✓	

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river runoff or through the addition of impervious surfaces, in a manner which would:

i) Result in substantial erosion or siltation on- or off-site?

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

iii) 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?

iv) Impede or redirect flood flows?

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

		✓	
		✓	
		✓	
		✓	
			✓
		✓	
			✓

NARRATIVE DISCUSSION

Environmental Setting

Surface Waters

There are no natural streams on or near the project site. Surface water quality in the Escalon area is maintained through the City’s Storm Water Management Program (SWMP), developed in compliance with the federal National Pollutant Discharge Elimination System (NPDES) program and with the SWRCB’s Municipal Separate Storm Sewer Systems (MS4) General Permit. The program includes control measures and defines BMPs designed to protect surface water quality associated with land development during both construction and post-construction periods.

In accordance with its MS4 General Permit, the City has adopted a Post-Construction Standards Plan that provides guidance to developers in meeting the SWRCB’s requirements for mitigating the negative impact of increases in storm water runoff caused by new development through the incorporation of Low Impact Development (LID) standards and hydromodification management techniques. LID mitigates excessive runoff by control measures that utilize evapotranspiration, infiltration, capture/reuse, and biotreatment to mimic the runoff of a natural environment. Hydromodification techniques

are used to design development sites so that post-construction runoff flow rates do not exceed those of the pre-construction conditions (City of Escalon 2014).

Groundwater

The project site is within the Eastern San Joaquin County Groundwater Subbasin of the San Joaquin Valley Groundwater Basin. According to the most recent information available, and as noted in Section 3.7, Geology and Soils, groundwater at the project site is approximately 80-90 feet below ground surface (San Joaquin County FCWCD 2018). The City obtains its drinking water from three groundwater wells (see Section 3.19, Utilities and Service Systems for more information). Natural recharge of local aquifers in the Escalon area appears to be by percolation of rainfall and unused irrigation water, with some minor infiltration from streams (City of Escalon 2004).

In 2014, the State enacted the Sustainable Groundwater Management Act. This act requires the formation of local groundwater sustainability agencies that must assess conditions in their local water basins and adopt locally based Groundwater Sustainability Plans for sustainable use of groundwater and avoidance of overdraft. Plans for “critically overdrafted” basins must be completed and adopted by January 31, 2020, while plans for high- and medium-priority basins have an adoption deadline of January 31, 2022.

The Eastern San Joaquin Subbasin has been designated a critically overdrafted basin. The City is a member of the South San Joaquin Groundwater Sustainability Agency. This agency, in collaboration with other agencies, prepared a Groundwater Sustainability Plan for the Subbasin and submitted it to the Department of Water Resources on January 29, 2020. To achieve sustainability in the Subbasin, projects and management actions were identified. These include water supply projects that either replace groundwater use or supplement groundwater supplies to attain the current estimated pumping offset and/or recharge need. A final list of 23 potential projects is included in the Groundwater Sustainability Plan, representing a variety of project types, including direct and in-lieu recharge, intra-basin water transfers, demand conservation, water recycling, and stormwater reuse (ESJGA 2019).

Flooding Hazard

A Flood Insurance Rate Map prepared by the Federal Emergency Management Agency (FEMA) indicates that the project area is designated Zone X. Zone X is considered an area of minimal flood hazard. It is outside a delineated 100-year floodplain – the floodplain commonly used to assess potential flooding impacts and considered a Special Flood Hazard Area (FEMA 2009). The project site is within the potential dam failure inundation area for the New Melones Dam along the Stanislaus River (San Joaquin County 2016).

In 2007, the State of California approved SB 5 and a series of related Senate and Assembly bills intended to set new flood protection standards for urban areas in the Central Valley. This group of bills, referred to collectively in this document as “SB 5,” establish the State standard for flood protection in these areas as protection from the 200-year frequency flood. Under SB 5, urban and urbanizing areas must be provided with 200-year flood

protection no later than 2025. Preliminary maps drafted by the California Department of Water Resources do not show the project site within a 200-year floodplain.

Environmental Impacts and Mitigation Measures

a) Surface Water Quality.

The project would not directly affect surface waters, as there are none on or near the project site. As noted in Section 3.7, Geology and Soils, construction activities would disturb soils and soil materials, which could be transported off site by runoff and could eventually enter surface waters. Project development and operation would lead to contamination of storm run-off with fuels, oils, metals, and other substances associated with motor vehicles. These discharges could eventually enter surface waters. This is considered a potentially significant impact.

The Phase II MS4 Permit and the City of Escalon require project proponents to incorporate post-construction measures that reduce the volume of runoff and mitigate pollutants in runoff into its design and completed development. The project proponent shall select design measures that are appropriate for the project and will adequately meet the goals of this Post-Construction Standards Plan. The tasks shall include the following (City of Escalon 2014):

- Selecting, sizing, and engineering site design measures, source control measures, and hydromodification management techniques that are adequate in meeting the requirements of this plan.
- Providing to the municipal plan checker the required submittal package, supporting information, maps, drawings, and calculations; including plans and calculations that have been stamped by a certified and / or licensed professional.
- Providing an Operation and Maintenance Plan and a signed Certificate of Responsibility to the plan checker for the on-going maintenance of the constructed post-construction design measures.
- Providing any additional requested information to the plan checker.
- Verifying that approved site design measures and source control measures are constructed as specified on the approved plans.

Compliance with the requirements of the City's Post-Construction Standards Plan would minimize water quality impacts of the project after construction work is completed. In addition, implementation of Mitigation Measure GEO-1, described in Section 3.7, Geology and Soils, would minimize water quality impacts from construction activities. Project impacts on surface waters and their quality would be less than significant.

b) Groundwater Supplies and Recharge.

As noted, the City relies on groundwater for its primary source of water. The project would not draw directly from the underlying aquifer, but it would be connected to the City's water

system that draws upon groundwater supplies. Adequate water supply exists to accommodate this demand. Section 3.19, Utilities and Service Systems, discusses this in detail.

The project would replace an existing vacant parcel of grasses and weeds with urban development and pavement. This would substantially reduce the amount of precipitation that would percolate into the ground, thereby reducing groundwater recharge. Given the relatively small acreage of the project site and the extent of other lands available for recharge surrounding the City, the project is not expected to interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level. Project impacts on groundwater are considered less than significant.

c-i, ii, iii) Drainage Patterns and Runoff.

The project would alter existing storm drainage patterns, due to site grading and the installation of pavement and storm drainage facilities. In addition, proposed improvements on the project site would result in the generation of additional runoff due to the introduction of impervious surfaces. The project would connect to the City's storm drainage system, designing its onsite facilities in accordance with City standards and specifications and with the design criteria in the City's Storm Drain Master Plan. The storm drainage system is expected to have adequate capacity to accommodate onsite runoff.

Runoff would be likely to collect pollutants, mainly deposits from motor vehicles. However, as noted, the project would be required to adhere to post-construction measures to be agreed upon between the project applicant and the City. These measures are expected to minimize the amount of polluted runoff that would enter the City's storm drainage system. Drainage plans would be submitted for City approval prior to construction. Project impacts on drainage and runoff are considered less than significant.

c-iv) Flood Flows.

As noted, the project area is in a minimal flood hazard area. It is not within a 100-year floodplain as indicated by the FEMA map for the area, nor is it within a 200-year floodplain as indicated by the California Department of Water Resources. Because of this, the project would be unlikely to impede or redirect any flood flows. The project would have no impact related to flood flows.

d) Other Flooding Hazards.

As noted, the project site is within the potential inundation zone of New Melones Dam were it to fail. Dams are evaluated regularly by the California Division of Safety of Dams to verify their structural integrity, including their resistance to stresses that could result from local or regional earthquakes. Adherence to Division requirements, which can include seismic upgrades in cases where seismic vulnerability is identified, minimizes the potential for catastrophic failure (San Joaquin County 2016).

There are no levees in the Escalon area. The project area is in a topographically flat region away from the coast, with no large bodies of water in the vicinity. Therefore, the project

would not be affected by seiche, or tsunamis. Project impacts related to other flooding hazards would be less than significant.

e) Conflict with Water Quality or Groundwater Plans.

As described above, the project would be required to comply with the requirements of the City’s Post-Construction Standards Plan, which is designed to maintain local water quality. The Groundwater Sustainability Plan for the Eastern San Joaquin Subbasin has been adopted. While the provisions of this plan are not directly applicable to the project, the project would not interfere with its implementation. The project would have no impact related to water quality or groundwater plans.

3.11 LAND USE AND PLANNING

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Physically divide an established community?				✓
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?		✓		

NARRATIVE DISCUSSION

Environmental Setting

The project site is a flat, undeveloped area, except for a single-family residence with outbuildings along the southern boundary of the site. The residence has been abandoned and is not in use. As noted in Chapter 2.0, Project Description, the current City General Plan designation for the project area is Medium Density Residential, and the current zoning is R-2, Medium Density Residential.

The project site is in a developed residential area of western Escalon. Single-family residences have been constructed east, south, and west of the site. The Church of Christ is across Irwin Avenue from the project site, near the intersection with SR 120. All lands east, south, and west of the project site have been designated Low Density Residential by the Escalon General Plan and have been zoned R-1, Low Density Residential. North of the project site, across the railroad tracks and SR 120, are lands mostly used for agriculture, with limited residential and commercial development. The agricultural fields are within the Escalon City limits, and land along SR 120 has been designated by the Escalon General Plan for Community Commercial development.

Environmental Impacts and Mitigation Measures

a) Division of Established Communities.

The project site is a part of a planned residential area that would provide additional housing units in the City, consistent with the Escalon General Plan. The project would not divide existing residential communities in the area, which are located adjacent to and east of the project site, and to the south and west across existing streets. The project would have no impact on division of established communities.

b) Conflicts with Plans, Policies and Regulations Mitigating Environmental Effects.

Project development would be consistent with existing Escalon General Plan and zoning designations, both of which allow for the high-density residential development proposed by the project. The General Plan was prepared to balance City growth and development with environmental protection to the extent practical. The zoning ordinance is required to be consistent with the General Plan. Therefore, the project is not expected to conflict with any City plans or ordinances containing provisions designed to avoid or minimize environmental effects.

This IS/MND discusses other potential project impacts that could affect City ordinances and Municipal Code provisions. The project would comply with these ordinances and provisions. Project impacts would be less than significant.

3.12 MINERAL RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?				✓
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?				✓

NARRATIVE DISCUSSION

Environmental Setting

San Joaquin County has several mineral resources including natural gas, borates, sand and gravel, limestone, clay, building stone, and pumice. However, Escalon has no significant mineral resources or mining operations (City of Escalon 2004). Escalon has no oil or natural fields (DOGGR 2001).

Environmental Impacts and Mitigation Measures

a, b) Availability of Mineral Resources.

There are no identified mineral resources areas on the project site or in Escalon. The project would have no effect on the availability of or access to locally designated or known mineral resources. The project would have no impact on mineral resources.

3.13 NOISE

Would the project result in:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?		✓		
b) Generation of excessive groundborne vibration or groundborne noise levels?			✓	
c) For a project located within the vicinity of a private airstrip or 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?				✓

NARRATIVE DISCUSSION

Environmental Setting

Ambient Noise

Assessment of noise impacts focuses on the “ambient” noise level, which is the general noise level in a project area. Primary noise sources in Escalon come from motor vehicle and train traffic. This is also true for the project site, as the main noise sources in the vicinity are motor vehicle traffic associated with SR 120 and rail traffic associated with the Union Pacific Railroad tracks. Both transportation facilities are north of the project site. Lesser noise sources include vehicle traffic on local streets, traffic associated with the Church of Christ, and agricultural equipment used in the fields to the north. The latter three sources are more sporadic and do not contribute as much to the ambient noise environment.

City standards and policies established in the Noise Element of the Escalon General Plan are designed to protect community residents from noise impacts and establishes criteria to mitigate noise-generating land uses and development. Noise standards are based on the Day-Night Average Level (L_{dn}) and the Community Noise Equivalent Level (CNEL). The L_{dn} is based upon the average hourly L_{eq} over a 24-hour day, with a 10-decibel (dB)

weighting applied to noise during the hours between 10:00 p.m. and 7:00 a.m. to account for greater sensitivity during that period. The CNEL is the same as the L_{dn} , with an additional 5-dB weighting applied to noise during the hours from 7:00 p.m. to 10:00 p.m. According to the City's Noise Element, areas shall be recognized as noise-impacted if existing or projected future noise levels at the exterior of buildings exceed 65 dB L_{dn} or CNEL. However, exceedance of 65 dB L_{dn} would be conditionally acceptable if mitigation is provided that would ensure interior noise levels do not exceed 45 dB CNEL.

The City's Noise Ordinance, Chapter 8.16.030 of the Escalon Municipal Code, also contains provisions addressing noise. Among other provisions, the Noise Ordinance prohibits construction activities and the operation of construction equipment before 7:00 a.m. or after 9:00 p.m. daily. On Saturday and Sunday and state or federal holidays, the prohibited time is before 8:00 a.m. and after 9:00 p.m.

Groundborne Vibration

Groundborne vibration is not a common environmental problem. It is typically associated with transportation facilities, although it is unusual for vibration from sources such as buses and trucks to be perceptible, even in locations close to major roads. Some common sources of groundborne vibration are trains, buses on rough roads, and construction activities such as blasting, pile driving, and operating heavy earth-moving equipment.

Caltrans has prescribed a methodology for evaluating groundborne vibration impacts from construction related to potential damage to structures, based on transient sources (e.g., blasting, drop balls) or continuous/frequent intermittent sources such as impact and vibratory pile drivers, vibratory compaction equipment (Caltrans 2013). Measurements of groundborne vibrations are presented in peak particle velocity, with the unit of measure being inches per second. Table 3-4 presents thresholds for impacts related to groundborne vibration, based on the Caltrans methodology.

Environmental Impacts and Mitigation Measures

a) Generation of Noise Exceeding Local Standards.

The project would result in a permanent increase in ambient noise levels over existing conditions, as the site is currently vacant. Noise would be generated mainly by traffic to and from the apartment complex. As discussed in Section 3.17, Transportation, traffic expected to be generated by the project would be less than traffic generated by typical residential projects, as the occupants would be senior citizens who are expected to use motor vehicles less frequently than the population at large. Therefore, noise generated by anticipated project traffic would likewise be less.

Project construction would involve temporary increases in ambient noise levels, due to the use of construction equipment and vehicle traffic to and from the construction site. Table 3-5 shows noise levels that could be generated by construction equipment. Although project construction noise would cease once construction work is completed, this is considered a potentially significant short-term impact, as the project site is adjacent to

existing residential development to the east, which would likely be exposed to exterior noise levels that exceed standards set in the City's Noise Element.

TABLE 3-4
 GROUNDBORNE VIBRATION THRESHOLDS

Guidelines for:	Maximum Peak Particle Velocity (in/sec)	
	Transient Sources	Continuous/Frequent Intermittent Sources
<i>Structure and Condition</i>		
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5
<i>Human Response</i>		
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.1
Severe	2.0	0.4

Source: Caltrans 2013.

TABLE 3-5
 CONSTRUCTION EQUIPMENT NOISE

Type of Equipment	Maximum Level, dB at 50 feet
Backhoe	78
Compactor	83
Compressor (air)	78
Concrete Saw	90
Dozer	82
Dump Truck	76
Excavator	81
Generator	81
Jackhammer	89
Pneumatic Tools	85

Source: FHWA 2006.

Temporary noise impacts resulting from project construction shall be minimized by implementation of mitigation, described below, that would require the use of mufflers on construction equipment. Also, as noted, the Noise Ordinance limits construction to specific hours, which would avoid noise during nighttime hours when people would be most sensitive to noise. Implementation of the mitigation measure and Noise Ordinance provisions would reduce construction noise impacts to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

NOISE-1: All equipment used on the construction site during all project phases shall be fitted with mufflers in accordance with manufacturers' specifications. Mufflers shall be installed on the equipment at all times on the construction site.

Significance After Mitigation: Less than significant

b) Generation of Groundborne Vibration or Noise.

Project operations would not generate any groundborne vibrations. The only potential source of groundborne vibrations from the project would be from equipment used in construction activities. Using the methodology prescribed by Caltrans, the ground vibration produced by a large bulldozer - the most likely construction equipment listed in Table 3-5 that would be used - would be a peak particle velocity of approximately 0.089 inches per second at the residences. The predicted peak particle velocity is above the "Barely Perceptible" threshold peak particle velocity of 0.04 inches per second, but it is below the "Distinctly Perceptible" threshold of 0.25 inches per second (see Table 3-4). It is also below the threshold of potential damage to older residential structures, which is 0.5 inches per second. Potential vibration impacts would be intermittent and short-term. On this basis, project impacts related to groundborne vibration would be less than significant.

c) Public Airport and Private Airstrip Noise.

As discussed in Section 3.9, Hazards and Hazardous Materials, there are no public airports in the vicinity of Escalon. There are also no private airstrips in the project vicinity. The project would have no impact associated with noise from airport or airstrip operations.

3.14 POPULATION AND HOUSING

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Induce substantial unplanned 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)?			✓	
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				✓

NARRATIVE DISCUSSION

Environmental Setting

As of January 1, 2021, the population of Escalon was estimated at 7,501, an increase from its 2010 U.S. Census population of 7,132. The number of housing units in Escalon on the same date was 2,674 – an increase from 2,610 in 2010. Of the total housing units in 2021, 2,283 were single-family detached units (typical houses), approximately 85.4% of the total. Approximately 4.8% of the total housing units were multifamily units of two to four per building, the same as proposed by the project. The total number of such units in 2021 was 128, unchanged from the total in 2010 (California Department of Finance 2021).

Environmental Impacts and Mitigation Measures

a) Unplanned Population Growth.

The project would involve a multifamily residential development on a 3.17-acre site, creating 48 new units. The units would be designated for senior households, which are likely to consist of no more than two persons per household. At maximum, the project would house 96 senior citizens.

The proposed development would be consistent with the Escalon General Plan, which already designates the project site for medium-density residential development. The increase in residents resulting from the project would be consistent with the population growth anticipated by the Escalon General Plan; in fact, it would likely be less than anticipated due to the occupancy by senior households.

The project would provide employment opportunities in Escalon during its construction, which sometimes may bring people into the Escalon area. However, these opportunities would be limited in number and can be expected to be met from the existing population in nearby areas of San Joaquin and Stanislaus Counties. No additional population is expected to be generated by project employment, which would cease when construction work is completed. Project impacts on unplanned population growth would be less than significant.

b) Displacement of Housing or People.

The project site is mostly vacant. There is one single-family residential structure on the site. However, this structure is unoccupied and has deteriorated to a condition that makes occupancy unsafe. The project proposes to replace the one residential structure with 48 multifamily units, although occupancy of the new units would be restricted to senior households. Project impact on displacement of people or housing would be less than significant.

3.15 PUBLIC SERVICES

Would the project:

a) Result in substantial adverse physical impacts associated with the provision of, 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?
- ii) Police protection?
- iii) Schools?
- iv) Parks?
- v) Other public facilities?

Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
		✓	
		✓	
		✓	
		✓	
		✓	

NARRATIVE DISCUSSION

Environmental Setting

The project site is within the service boundary of the Escalon Consolidated Fire Protection District, which covers approximately 64 square miles in the southeastern portion of San Joaquin County centered around Escalon. The District provides fire protection, emergency medical, and other services. It currently employs seven full-time staff and 16 volunteer and reserve firefighters. The nearest fire station to the project site is Station 1, located at 1749 Coley Avenue more than one-half mile to the east. Station 2 is located at 17950 South Van Allen Road, approximately 2.5 miles west of the project site. The District’s established service response goal is five minutes from dispatch to arrival on scene in the City of Escalon (San Joaquin LAFCo 2011).

Law enforcement services are provided by the Escalon Police Department. The Department is stationed at 2040 McHenry Avenue, approximately 0.75 miles southeast of the project site. There are currently 10 full-time sworn personnel and 12 reserve officers in the Department, along with support staff and volunteers.

The project site is within the boundaries of the Escalon Unified School District, which encompasses 75 square miles and had an enrollment of 3,035 students from kindergarten to 12th grade in the 2019-20 school year (EdData 2021). The closest school to the project site is El Portal Middle School, located approximately one-quarter mile south of the project site (see Section 3.9, Hazards and Hazardous Materials).

The Escalon Parks and Recreation Department manages nine community parks, one open space area, and two sports fields that offer a variety of recreational opportunities. Section 3.16, Recreation, discusses these opportunities in more detail. Other public services in Escalon include a branch of the Stockton-San Joaquin County Public Library.

Environmental Impacts and Mitigation Measures

a-i) Fire Protection.

The project would add residential units, which would likely increase demand for fire protection. However, the Escalon Fire District stated that new or expanded fire protection facilities would not be needed (Morris electronic mail). Future development is required by ordinance to pay Fire Facility Fees for future construction of Fire Department facilities and equipment that may be required. The Fire Facility Fees plus additional tax revenue from development would provide funding for additional personnel, equipment, and facilities (San Joaquin LAFCo 2011).

In addition, all new development must comply with the provisions of the California Fire Code, the 2019 version of which has been adopted by the City. Among other issues, the California Fire Code addresses fire protection systems, fire-resistant materials, and fire flow requirements. Compliance with the California Fire Code, along with payment of development fees, would reduce project impacts on fire protection services to a level that would be less than significant.

a-ii) Police Protection.

The project is expected to generate a demand for police protection services, as the project site is currently vacant. Inquiries with the Escalon Police Department as to whether new or expanded police protection facilities would be needed to serve the project were unanswered. However, the project would be required to pay development fees to the City for future construction of Police Department facilities, as needed. The City will be able to pay for the additional law enforcement operational needs through the expanded tax base generated by new development and the development fees (San Joaquin LAFCo 2011). Therefore, project impacts related to police protection services are considered less than significant.

a-iii) Schools.

A typical residential project is expected to generate students that would need to be accommodated by the local school district or districts within whose boundaries the project is located. However, the proposed project is for senior households, which are expected to have no school-age children. As such, the project would not place a demand for school services on the Escalon Unified School District such that new or expanded facilities would

be required. Project impacts on school services would be less than significant. It should be noted that even though the project is not expected to generate a school-age student population, it would be required to pay Level I developer fees (\$3.36 per square foot) imposed on residential development by the Escalon Unified School District. The fees are used for future construction of school facilities, as needed.

a-iv, v) Parks and Other Public Facilities.

The project could result in additional demands on parks and library facilities. As discussed in Section 3.14, Population and Housing, the population increase resulting from the project is not unplanned nor substantial. Therefore, additional demands on parks and other public facilities such as libraries are expected to be incremental, and no new or expanded facilities would be required. While new facilities would not likely be required as a result of the project, the project would be required to pay development fees to the City for future construction of park and library facilities, as needed. Project impacts would be less than significant.

3.16 RECREATION

Would the project:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facilities would occur or be accelerated?			✓	
b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?			✓	

NARRATIVE DISCUSSION

Environmental Setting

As noted in Section 3.15, Public Services, the Escalon Parks and Recreation Department manages nine community parks, one open space area, and two sports fields that offer a variety of recreational opportunities. The closest parks to the project site are Sanchez Park and Hogan Park, both located approximately 0.8 miles from the site. The Parks and Recreation Department also operates the Escalon Community Center at 1055 Escalon Avenue. Aside from providing space available to the public for functions, the Community Center also hosts activities oriented to senior citizens, although such activities have been curtailed recently due to the COVID-19 pandemic.

Environmental Impacts and Mitigation Measures

a, b) Recreational Facilities.

As noted in Section 3.14, Population and Housing, the project is expected to generate a limited number of residents. Therefore, the residents of the proposed project would generate minimal demand on park and recreational facilities and services. The existing parks and recreational facilities are expected to accommodate the additional residents without causing a substantial physical deterioration of these facilities. As noted in Section 3.15, Public Services, the project would be required to pay development fees to the City for future construction of park facilities, as needed.

The project proposes to construct an onsite community building for project residents. This would alleviate the impact on off-site facilities caused by the increase in localized population. Project impacts on recreational facilities are considered less than significant.

3.17 TRANSPORTATION

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?			✓	
b) Conflict with or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?			✓	
c) Substantially increase hazards to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			✓	
d) Result in inadequate emergency access?			✓	

NARRATIVE DISCUSSION

Environmental Setting

Transportation Facilities and Services

The project site is adjacent to two local streets: Irwin Avenue and California Street. Both are two-lane streets that primarily serve residential areas. North of the project site is SR 120, which extends from Interstate 5 in Lathrop to U.S. Highway 395 in Mono County. SR 120 passes through Escalon as a surface street; at the project site, SR 120 is a two-lane road with a left-turn pocket at the Irwin Avenue intersection.

Two agencies provide public transit services to Escalon. One agency is eTrans, the City's transit system operated by Modesto Area Express. eTrans makes several stops within Escalon and connects passengers to Modesto. eTrans also provides door-to-door Dial-A-Ride service on weekdays within the city limits of Escalon. The other agency is the San Joaquin Regional Transit District, which operates a bus route to Escalon that provides connections to Manteca and Stockton. There are no designated bicycle ways in the project vicinity. Sidewalks exist along both Irwin Avenue and California Street, but not along the project site frontage on either street.

A railroad track managed by the Union Pacific Railroad is adjacent to and north of the project site. This track eventually runs in a north-south direction along McHenry Avenue south of SR 120. In 2004, the most recent year information is available, the railroad operated five days per week in the morning and early afternoon. Approximately two trains per day entered and exited the City. Service provided by the Union Pacific Railroad to the City was dependent upon the number of businesses with the need and capabilities (railroad spurs) to utilize the railroad service (City of Escalon 2004).

Transportation Plans and Guidelines

As the designated metropolitan planning organization representing San Joaquin County, SJCOG is required by both federal and State law to prepare a long-range transportation planning document known as a Regional Transportation Plan (RTP). The most recent RTP was adopted in 2018. It sets forth how the SJCOG region will meet its transportation needs for the period from 2017 to 2042, considering existing and projected land use patterns and forecasted population and job growth. It identifies and prioritizes expenditures of anticipated funding for transportation projects of all transportation modes, as well as transportation demand management measures and transportation systems management. Among the projects identified in the RTP is a proposed Class I bike path on SR 120 between Brennan Avenue and 1st Street (SJCOG 2018a).

The Circulation Element of the Escalon General Plan sets forth policies and implementation strategies related to transportation and circulation including streets and highways, transportation corridors, public transit, railroads, bicycle and pedestrian facilities, and commercial, general, and military airports (City of Escalon 2019). The Circulation Element states that the City shall maintain Level of Service (LOS) D or better on the City's street system. However, LOS is no longer used to determine the environmental impacts of projects, as explained in the following paragraph.

The State of California has recently added Section 15064.3 to the CEQA Guidelines, which is meant to incorporate SB 743 into CEQA analysis. SB 743 was enacted in 2013 with the intent to balance congestion management needs and the mitigation of the environmental impacts of traffic with statewide GHG emission reduction goals, mainly by developing an alternative mechanism for evaluating transportation impacts. Section 15064.3 states that VMT is the preferred method for evaluating transportation impacts, rather than the commonly used LOS. The VMT metric measures the total miles traveled by vehicles as a result of a given project. VMT accounts for the total environmental impact of transportation associated with a project, including use of non-vehicle travel modes.

Environmental Impacts and Mitigation Measures

a) Conflict with Transportation Plans, Ordinances and Policies.

Development of the project would generate new vehicle trips and potentially affect traffic operations at nearby intersections, particularly the SR 120/Irwin Avenue intersection. However, based upon the estimates of the CalEEMod run for the project (see Appendix A), the average daily trips generated by the project would be approximately 115, with fewer trips on Saturdays and Sundays. This number of trips is expected to have little impact on traffic volumes of nearby roads, particularly SR 120. The project would not conflict with transportation plans that seek to maintain traffic flow at acceptable levels, such as the Circulation Element.

The project could result in an increase in demand for public transit service, especially Dial-A-Ride services. The frequency and proximity of future transit service is not known at this time and, as a result, demand for transit cannot be quantified. However, it is expected that eTrans can accommodate the additional passengers the project would generate, as well as the San Joaquin Regional Transit District. This would be consistent with the goals of the RTP, which encourage further use of public transit. Project impacts on transportation plans, ordinances, and policies would be less than significant.

b) Conflict with CEQA Guidelines Section 15064.3(b).

As discussed above, VMT is now the preferred method for evaluating transportation impacts, rather than LOS. The City currently does not have traffic impact standards based on VMT. The Governor's Office of Planning and Research (OPR) has issued a Technical Advisory on evaluating transportation impacts using VMT. The Technical Advisory has developed criteria by which projects can be presumed to have a less-than-significant VMT impact. One of these criteria is a project that has an affordable housing component is expected to have minimal effect on VMT (see Section 3.8, Greenhouse Gas Emissions). As the project would offer all its units at below market rate, the project would be 100% affordable. Based on the OPR criteria, project impacts on VMT would be less than significant.

c) Traffic Hazards.

The project site is located along Irwin Avenue and California Street, both of which have no improvements along the site frontage. However, the site frontage along both streets would be improved with sidewalk in accordance with City standards and specifications. This would reduce potential hazards to pedestrian traffic that would likely be generated by the project. In addition, the expected low volume of traffic would not generate potential traffic hazards, plus the type of vehicle traffic associated with the project would be the same as traffic in the surrounding residential areas. Project impacts related to traffic hazards would be less than significant.

d) Emergency Access.

As described in Chapter 2.0, Project Description, the project would have two driveways accessible to emergency vehicles only, in addition to the main entrances. Also, as noted in

c) above, the project would improve the Main Street frontage, which would make emergency vehicle trips to and from the project site safer. Project impacts related to emergency access would be less than significant.

3.18 TRIBAL CULTURAL RESOURCES

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or

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

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or		✓		
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		✓		

NARRATIVE DISCUSSION

Information for this section is provided from a Cultural Resources Inventory and Evaluation Report prepared for the project by Solano Archaeological Services LLC, available in Appendix C of this document. Solano Archaeological Services contacted the Native American Heritage Commission and several representatives of local tribes, documentation of which is provided in the report.

Environmental Setting

As noted, in Section 3.5, Cultural Resources, the project site lies within the traditional territory of the Northern Valley Yokuts, whose lands extended from the San Joaquin River near Mendota north to the confluence of the San Joaquin and Calaveras Rivers. Yokut groups lived in small seasonal camps or in larger settlements on perennial water sources such as the San Joaquin River. Dwellings in the larger villages consisted of circular tule covered structures and more elaborate semi-subterranean pit houses. Ceremonial sweat houses and assembly chambers were often constructed within the more substantial villages. These larger settlements might include approximately 200 inhabitants constituting a small sub-tribe of the Yokut. A headman, while not necessarily possessing absolute powers, served as an advisor to these self-contained communities. There is little historical documentation about the Yokuts, which can be attributed to the rapid reduction of its

population as a result of disease, missionization, and the sudden influx of Euro-American miners and entrepreneurs during the Gold Rush (Solano Archaeological Services 2021).

In 2014, the California Legislature enacted AB 52, which focuses on consultation with Native American tribes on land use issues potentially affecting the tribes. The intent of this consultation is to avoid or mitigate potential impacts on “tribal cultural resources,” which are defined as “sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe.” Under AB 52, when a tribe requests consultation with a CEQA lead agency on projects within its traditionally and culturally affiliated geographical area, the lead agency must provide the tribe with notice of a proposed project within 14 days of a project application being deemed complete or when the lead agency decides to undertake the project if it is the agency’s own project. The tribe has up to 30 days to respond to the notice and request consultation; if consultation is requested, then the local agency has up to 30 days to initiate consultation.

As part of the preparation of its cultural resource report, Solano Archaeological Services sought comments on the projects from nine representatives of four tribes: Northern Valley Yokuts, Tule River Indian Tribe, Wilton Rancheria, and Wukasche Indian Tribe/Eshom Valley Band. The Northern Valley Yokuts did not have any information or specific issues with the project site, and the Wilton Rancheria did not express any concerns regarding the project. No other tribes responded. Since no tribe has explicitly requested consultation on the project, AB 52 requirements are considered fulfilled.

Environmental Impacts and Mitigation Measures

a, b) Tribal Cultural Resources.

As noted in Section 3.5, Cultural Resources, no archaeological resources have been recorded on the project site. Solano Archaeological Services requested the Native American Heritage Commission to conduct a search of its Sacred Lands File for records of potential tribal sacred land on the project site. The Commission reported a negative result, indicating no sacred lands have been recorded on the project site.

However, as noted in Section 3.5, project construction could potentially uncover previously unknown archaeological resources, which could include those of Native American origin. Mitigation Measure CULT-1 would require construction work to stop at an uncovered resource site under an archaeologist can evaluate the resource and give recommendations for its disposition. If potential tribal cultural resources or burials are encountered, the appropriate tribal representative would be contacted to evaluate the find and make recommendations on its disposition. Implementation of Mitigation Measure CULT-1 would reduce potential impacts on tribal cultural resources to a level that would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures: Implementation of Mitigation Measure CULT-1.

Significance after Mitigation: Less than significant

3.19 UTILITIES AND SERVICE SYSTEMS

Would the project:

- a) Require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?
- b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?
- c) Result in a determination by the wastewater treatment provider that would serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?
- d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?
- e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
		✓	
		✓	
		✓	
		✓	
		✓	

NARRATIVE DISCUSSION

Environmental Setting

Domestic water service is currently provided within the City limits by the City of Escalon from three existing groundwater wells with a current total pumping capacity of 3,200 gallons per minute (gpm). A fourth well, Well No. 1, has been deactivated, but a replacement well will be drilled at the Well No. 1 site when funding becomes available. In 2015, maximum day water usage was 1,591 gpm (BlackWater Consulting Engineers 2016). Water is delivered through a distribution system consisting of approximately 33 miles of pipelines, ranging in diameter from 3 to 16 inches. A 6-inch diameter water line is located beneath Irwin Avenue adjacent to the project site, and a 10-inch diameter water line is beneath California Street (City of Escalon 2007a).

The City of Escalon provides wastewater treatment and collection services to residential, commercial, and industrial land uses within the City limits. The City's treatment facility for residential, commercial, and small industrial wastewater has a current average use of about 0.7 million gallons per day (mgd), with a permitted capacity of 0.9 mgd. Wastewater collection lines are located throughout the City, ranging in size from 6 to 14 inches in diameter. Sewer lines, six inches in diameter, are located beneath Irwin Avenue and California Street adjacent to the project site (City of Escalon 2007b).

The City maintains a network of storm drains and detention basins that collect storm water runoff from the urbanized areas. An existing storm drain line is beneath Irwin Avenue adjacent to the project site, and another storm drain line extends west from Rosina Street through the center of the site to the Irwin Avenue line (City of Escalon 2007c). Most of the collected storm drainage is discharged to SSJID canals in the area; a small amount is conveyed to the industrial treatment ponds of the City's wastewater plant. As noted in Section 3.10, Hydrology and Water Quality, the City operates under the MS4 General Permit, in accordance with which the City has adopted a Post-Construction Standards Plan that provides guidance to developers in meeting the SWRCB's requirements for mitigating impacts associated with storm drainage.

Solid waste collection services in Escalon are provided by Gilton Solid Waste Management, which operates under a City franchise. Solid waste from the City is taken to the McClure Transfer Station in Modesto, which in turn is sent to the Fink Road Sanitary Landfill in southwestern Stanislaus County. The Fink Road Landfill has a maximum permitted capacity of 14,640,000 cubic yards. As of March 1, 2017, the landfill had a remaining capacity of 7,184,701 cubic yards (CalRecycle 2021).

Electricity is provided to Escalon by PG&E and the Modesto Irrigation District; the City is within a "joint electric distribution service area" where both utilities may compete for customers. Existing overhead electrical lines are along Irwin Avenue and California Street. Natural gas services are provided by PG&E. Local telephone service is provided by AT&T, and Comcast provides cable television services.

Environmental Impacts and Mitigation Measures

a) Relocation or Construction of New Facilities.

The project would connect to existing water, sewer, storm drainage, and electrical lines in the immediate project vicinity. No new lines or other facilities would need to be constructed by the utilities. Relocation of existing utility lines, including the storm drainage line through the center of the project site, is not anticipated. Project impacts related to relocation or construction of new facilities would be less than significant.

b) Water Systems and Supply.

The project would place additional demand on the City's water supplies. The City's Water Master Plan indicates a water demand factor for residential development similar to the project of 2,000 gallons per day per water meter connection (City of Escalon 2007a), or approximately 1.4 gpm on average. Assuming each unit has a separate meter, the total water demand on average would be 67.2 gpm.

As noted above, the City's water system has approximately 3,200 gpm of available water supply and a maximum of 1,591 gpm daily use. The City's water capacity will be increased in the near future with the replacement of the deactivated Well No. 1. The City's Water Master Plan recommends that all new wells have a capacity of at least 1,200 gpm (City of Escalon 2007a), so the new Well No. 1 is expected to have at least that much capacity.

In addition, the City, in association with the South San Joaquin Irrigation District (SSJID) and other cities in southern San Joaquin County, has contracted for additional water supply as a part of the South County Surface Water Project. Under this project, water would be provided from SSJID’s Woodward Reservoir. The City would receive 1,750 gpm from this source (City of Escalon 2007a). The City has not yet activated this source, but surface water from the project is expected to supplement the City’s water supplies in the future.

In summary, the City would have adequate capacity to accommodate the water demands of the project without the need for new or expanded entitlements. It also should be noted that the project would be required to comply with the City’s Model Water Efficient Landscape Ordinance, which would make landscape irrigation more water-efficient. Project impacts on water supplies would be less than significant.

c) Wastewater Treatment Capacity.

The project would place additional demand on the City’s wastewater collection and treatment system. The City’s Sewer Master Plan indicates a sewer demand factor for residential development similar to the project of 210 gallons per day per unit (City of Escalon 2007b). Based on this factor, the project would generate 10,080 gallons of wastewater per day, or approximately 0.01 mgd. As indicated above, the City’s wastewater treatment plant currently has available capacity of approximately 0.2 mgd. Thus, the plant would have adequate capacity to accommodate wastewater generated by the project. The project would pay sewer connection fees, which would be used for future expansion of the City’s wastewater system as needed. Project impacts on wastewater services would be less than significant.

d, e) Solid Waste Services.

The project would generate solid waste materials consistent with residential land uses. The project is not anticipated to create a significant amount of solid waste. All solid waste generated during construction and operations would be removed in accordance with federal, state, and local regulations. These include the 2019 CALGreen, which requires projects to divert 65% of all construction and demolition debris excluding inert and organic material and 90% of inert and organic materials from landfills through reuse and recycling. As of 2017, the Fink Road Landfill had approximately half of its maximum capacity available; as such, the land fill could accommodate project-generated solid waste. Project impacts would be less than significant.

3.20 WILDFIRE

If located in or near State Responsibility Areas or lands classified as Very High Fire Hazard Severity Zones, would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?		✓		
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project				✓

occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

			✓	
			✓	

NARRATIVE DISCUSSION

Environmental Setting

The Environmental Checklist in CEQA Guidelines Appendix G has been revised to include a section addressing the potential impacts of a project as it relates to wildfire. As noted in Section 3.9, Hazards and Hazardous Materials, the project site is not in an area susceptible to wildland fires; land is either agricultural or developed.

The California Department of Forestry and Fire Protection’s Fire and Resource Assessment Program identifies fire threat based on a combination of two factors: 1) fire frequency, or the likelihood of a given area burning, and 2) potential fire behavior (hazard). These two factors are combined in determining the following Fire Hazard Severity Zones: Moderate, High, Very High, Extreme. These zones apply to areas designated as State Responsibility Areas – areas in which the State has primary firefighting responsibility. The project site is not within a State Responsibility Area and therefore has not been placed in a Fire Hazard Severity Zone for such areas (Cal Fire 2007a). Both the project site and surrounding area are in a Local Responsibility Area, where primary firefighting responsibility is by a local fire district or department, in this case the Escalon Consolidated Fire Protection District. Neither are in any designated fire hazard severity zones for Local Responsibility Areas (Cal Fire 2007b).

Environmental Impacts and Mitigation Measures

a) Emergency Response Plans and Emergency Evacuation Plans.

As discussed in Section 3.9, Hazards and Hazardous Materials, project construction is not expected to substantially obstruct emergency vehicles or any evacuations that may occur in the area with implementation of Mitigation Measure HAZ-1. The project would not obstruct any roadways once construction work is completed. Project impacts related to wildfire emergency response plans or emergency evacuation plans would be less than significant with mitigation.

Level of Significance: Potentially significant

Mitigation Measures: Implementation of Mitigation Measure HAZ-1.

Significance after Mitigation: Less than significant

b) Exposure of Project Occupants to Wildfire Hazards.

The project site is not part of a State Responsibility Area, and Cal Fire maps indicate the site is not designated within a Very High Fire Hazard Severity Zone or a zone of higher severity for either State or Local Responsibility Areas. The project site is in a predominantly residential area, which is not prone to wildfires. The project would reduce the existing fire hazard on the project site by replacing existing grasses and weeds with developed area and landscaping. The project would have no impact related to exposure of project occupants to wildfire hazards.

c) Installation and Maintenance of Infrastructure.

The project proposes the installation of roads and parking areas and the extension of utilities. The installation of these facilities is not expected to exacerbate the wildfire risk on the project site, which is minimal as explained in b) above. The project would have no impact related to exacerbation of wildfire hazards by infrastructure improvements.

d) Risks from Runoff, Post-Fire Slope Instability, or Drainage Changes.

The project site is in a topographically flat area. There are no streams or other channels that cross the site. As such, it is not expected that people or structures would be exposed to significant risks from changes resulting from fires in steeper areas, including downslope or downstream flooding or landslides. The project would have no impact related to risks from runoff, post-fire slope instability, or drainage changes.

3.21 MANDATORY FINDINGS OF SIGNIFICANCE

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Does the project have the potential to substantially 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, substantially 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?		✓		
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.)			✓	

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

		✓	
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NARRATIVE DISCUSSION

a) Findings on Biological and Cultural Resources.

The project's potential biological and cultural, and tribal cultural resource impacts were described in Sections 3.4, 3.5, and 3.18, respectively. Potentially significant environmental effects were identified in these issue areas, but these effects would be reduced to levels that would be less than significant with implementation of identified mitigation measures.

b) Findings on Individually Limited but Cumulatively Considerable Impacts.

The potential cumulative impacts of urban development of the site were accounted for in the Escalon General Plan EIR. The EIR evaluated the potential environmental impacts of development under the 2005 General Plan, with which this project is consistent. Significant impacts were identified, but most of these impacts could be mitigated to a level that would be less than significant (City of Escalon 2005).

However, the General Plan EIR identified two impacts that were considered significant and unavoidable: direct and indirect conversion of Farmland, and potential violation of air quality. Project impacts that contribute to these two significant and unavoidable impacts may be cumulatively considerable. As discussed in Section 3.2, Agriculture and Forestry Resources, the project would have no impact on either direct or indirect Farmland conversion. Also, as discussed in Section 3.3, Air Quality, while the project would contribute air pollutant emissions, the project emissions would be below SJVAPCD significance thresholds, which were developed in part to determine if a project would interfere with the attainment of air quality standards. Therefore, the project would not make a cumulatively considerable contribution to impacts on these two issues.

As described in this IS/MND, the potential environmental effects of the project would either be less than significant or would have no impact at all. Where the project involves potentially significant effects, these effects would be avoided or reduced to a level that is less than significant with proposed mitigation measures and/or compliance with applicable regulations and conditions of required permits. Given this, the potential environmental impacts of the project would not be cumulatively considerable.

c) Findings on Adverse Effects on Human Beings.

Potential adverse effects on human beings were discussed in Section 3.7, Geology and Soils (seismic hazards); Section 3.9, Hazards and Hazardous Materials; Section 3.10, Hydrology and Water Quality (flooding); Section 3.17, Transportation (traffic hazards); and Section 3.20, Wildfire. All potential adverse effects on human beings identified in those sections would be reduced to levels that are less than significant through mitigation measure or through compliance with applicable laws, regulations, and ordinances.

4.0 REFERENCES

4.1 DOCUMENT PREPARERS

This IS/MND was prepared by BaseCamp Environmental, Inc. for use by and under the supervision of the City of Escalon Planning Department. The following persons were involved in preparation of the IS/MND:

City of Escalon Planning Department

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BaseCamp Environmental, Inc.

Charlie Simpson, Principal
Terry Farmer, AICP, Senior Environmental Planner
Krista Simpson, Graphic Artist

4.2 DOCUMENTS CITED

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4.3 PERSONS CONSULTED

Morris, Dan. Escalon Consolidated Fire Protection District.

Romo, Dominique. City Planner, City of Escalon.

5.0 NOTES RELATED TO EVALUATION OF ENVIRONMENTAL IMPACTS

The following notes are included in the Environmental Information Checklist shown in Appendix G of the State CEQA guidelines. The notes provide guidance as to the proper use of the form.

- 1) A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
- 4) “Negative Declaration: Less Than Significant with Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from “Earlier Analyses,” as described in (5) below, may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed: Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier

document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.

- c) Mitigation Measures: For effects that are “Less than Significant with Mitigation Measures Incorporated,” describe the mitigation measures, which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
 - 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
 - 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project’s environmental effects in whatever format is selected.
 - 9) The explanation of each issue should identify:
 - a) the significance criteria or threshold, if any, used to evaluate each question; and
 - b) the mitigation measure identified, if any, to reduce the impact to less than significance.

**APPENDIX A
CALEEMOD RESULTS**

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Irwin Senior Apartments
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Retirement Community	48.00	Dwelling Unit	9.60	48,000.00	152

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MW hr)	203.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Construction Phase - Anticipated construction work.

Off-road Equipment - Default values.

Area Coating - Per SJVAPCD Rule 4601.

Construction Off-road Equipment Mitigation - Default values.

Mobile Land Use Mitigation -

Area Mitigation - VOC paint use incorporated in project.

Water Mitigation - Default values.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	0	150
tblAreaCoating	Area_EF_Nonresidential_Interior	0	150
tblAreaCoating	Area_EF_Parking	0	150

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblAreaCoating	Area_EF_Residential_Exterior	0	50
tblAreaCoating	Area_EF_Residential_Interior	0	50
tblAreaCoating	Area_Residential_Exterior	0	32400
tblAreaCoating	Area_Residential_Interior	0	97200
tblAreaCoating	ReapplicationRatePercent	0	10
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	150	0
tblConstDustMitigation	WaterExposedAreaPM10PercentReduction	0	55
tblConstDustMitigation	WaterExposedAreaPM25PercentReduction	0	55
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	20.00	10.00
tblWaterMitigation	PercentReductionInFlowBathroomFaucet	0	32
tblWaterMitigation	PercentReductionInFlowKitchenFaucet	0	18
tblWaterMitigation	PercentReductionInFlowShower	0	20
tblWaterMitigation	PercentReductionInFlowToilet	0	20
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	0	6.1

2.0 Emissions Summary

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1488	1.3446	1.3266	2.3800e-003	0.0253	0.0675	0.0928	6.1600e-003	0.0632	0.0694	0.0000	206.7707	206.7707	0.0475	1.4200e-003	208.3812
2023	0.2459	0.8346	0.9924	1.7500e-003	0.0175	0.0402	0.0577	4.7000e-003	0.0378	0.0425	0.0000	151.7304	151.7304	0.0327	1.1200e-003	152.8830
Maximum	0.2459	1.3446	1.3266	2.3800e-003	0.0253	0.0675	0.0928	6.1600e-003	0.0632	0.0694	0.0000	206.7707	206.7707	0.0475	1.4200e-003	208.3812

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1488	1.3446	1.3266	2.3800e-003	0.0230	0.0675	0.0905	5.8800e-003	0.0632	0.0691	0.0000	206.7705	206.7705	0.0475	1.4200e-003	208.3810
2023	0.2459	0.8346	0.9924	1.7500e-003	0.0175	0.0402	0.0577	4.7000e-003	0.0378	0.0425	0.0000	151.7302	151.7302	0.0327	1.1200e-003	152.8828
Maximum	0.2459	1.3446	1.3266	2.3800e-003	0.0230	0.0675	0.0905	5.8800e-003	0.0632	0.0691	0.0000	206.7705	206.7705	0.0475	1.4200e-003	208.3810

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	5.41	0.00	1.54	2.58	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	5-1-2022	7-31-2022	0.5172	0.5172
2	8-1-2022	10-31-2022	0.5848	0.5848
3	11-1-2022	1-31-2023	0.5693	0.5693
4	2-1-2023	4-30-2023	0.5201	0.5201
5	5-1-2023	7-31-2023	0.3738	0.3738
		Highest	0.5848	0.5848

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2132	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962
Energy	3.0200e-003	0.0258	0.0110	1.6000e-004		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	48.8776	48.8776	3.6500e-003	9.2000e-004	49.2431
Mobile	0.0549	0.0880	0.5258	1.2100e-003	0.1184	1.0000e-003	0.1194	0.0317	9.4000e-004	0.0326	0.0000	111.7971	111.7971	6.2300e-003	5.9100e-003	113.7145
Waste						0.0000	0.0000		0.0000	0.0000	4.4820	0.0000	4.4820	0.2649	0.0000	11.1041
Water						0.0000	0.0000		0.0000	0.0000	0.9922	2.2042	3.1964	0.1023	2.4500e-003	6.4829
Total	0.2711	0.1179	0.8932	1.3900e-003	0.1184	5.0500e-003	0.1234	0.0317	4.9900e-003	0.0367	5.4742	163.4610	168.9352	0.3776	9.2800e-003	181.1407

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2132	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962
Energy	3.0200e-003	0.0258	0.0110	1.6000e-004		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	48.8776	48.8776	3.6500e-003	9.2000e-004	49.2431
Mobile	0.0471	0.0655	0.3941	8.3000e-004	0.0802	7.0000e-004	0.0809	0.0214	6.6000e-004	0.0221	0.0000	76.7383	76.7383	5.0400e-003	4.4000e-003	78.1757
Waste						0.0000	0.0000		0.0000	0.0000	1.1205	0.0000	1.1205	0.0662	0.0000	2.7760
Water						0.0000	0.0000		0.0000	0.0000	0.7937	1.7634	2.5571	0.0818	1.9600e-003	5.1863
Total	0.2634	0.0954	0.7615	1.0100e-003	0.0802	4.7500e-003	0.0849	0.0214	4.7100e-003	0.0262	1.9143	127.9614	129.8757	0.1573	7.2800e-003	135.9773

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.85	19.10	14.74	27.34	32.29	5.94	31.20	32.28	5.61	28.65	65.03	21.72	23.12	58.35	21.55	24.93

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2022	5/13/2022	5	10	
2	Site Preparation	Site Preparation	5/28/2022	6/10/2022	5	10	
3	Grading	Grading	6/11/2022	6/17/2022	5	5	

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4	Building Construction	Building Construction	7/9/2022	5/26/2023	5	230
5	Paving	Paving	5/27/2023	6/9/2023	5	10
6	Architectural Coating	Architectural Coating	6/24/2023	7/21/2023	5	20

Acres of Grading (Site Preparation Phase): 3

Acres of Grading (Grading Phase): 3

Acres of Paving: 0

Residential Indoor: 97,200; Residential Outdoor: 32,400; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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Architectural Coating	Air Compressors	1	6.00	78	0.48
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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition		15.00	0.00		10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation		18.00	0.00		10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading		15.00	0.00		10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction		35.00	5.00		10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving		15.00	0.00		10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating		7.00	0.00		10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0500e-003	0.0000	1.0500e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0132	0.1286	0.1030	1.9000e-004		6.2100e-003	6.2100e-003		5.7800e-003	5.7800e-003	0.0000	16.9951	16.9951	4.7700e-003	0.0000	17.1145
Total	0.0132	0.1286	0.1030	1.9000e-004	1.0500e-003	6.2100e-003	7.2600e-003	1.6000e-004	5.7800e-003	5.9400e-003	0.0000	16.9951	16.9951	4.7700e-003	0.0000	17.1145

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3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.7000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4851	0.4851	2.0000e-005	1.0000e-005	0.4899
Total	2.4000e-004	1.7000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4851	0.4851	2.0000e-005	1.0000e-005	0.4899

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.7000e-004	0.0000	4.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0132	0.1286	0.1030	1.9000e-004		6.2100e-003	6.2100e-003		5.7800e-003	5.7800e-003	0.0000	16.9951	16.9951	4.7700e-003	0.0000	17.1144
Total	0.0132	0.1286	0.1030	1.9000e-004	4.7000e-004	6.2100e-003	6.6800e-003	7.0000e-005	5.7800e-003	5.8500e-003	0.0000	16.9951	16.9951	4.7700e-003	0.0000	17.1144

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3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.7000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4851	0.4851	2.0000e-005	1.0000e-005	0.4899
Total	2.4000e-004	1.7000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4851	0.4851	2.0000e-005	1.0000e-005	0.4899

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5900e-003	0.0000	1.5900e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
Total	0.0159	0.1654	0.0985	1.9000e-004	1.5900e-003	8.0600e-003	9.6500e-003	1.7000e-004	7.4200e-003	7.5900e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549

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3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.0000e-004	2.2400e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5821	0.5821	2.0000e-005	2.0000e-005	0.5878
Total	2.8000e-004	2.0000e-004	2.2400e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5821	0.5821	2.0000e-005	2.0000e-005	0.5878

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.2000e-004	0.0000	7.2000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
Total	0.0159	0.1654	0.0985	1.9000e-004	7.2000e-004	8.0600e-003	8.7800e-003	8.0000e-005	7.4200e-003	7.5000e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549

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3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.0000e-004	2.2400e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5821	0.5821	2.0000e-005	2.0000e-005	0.5878
Total	2.8000e-004	2.0000e-004	2.2400e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5821	0.5821	2.0000e-005	2.0000e-005	0.5878

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5900e-003	0.0000	1.5900e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8700e-003	0.0521	0.0382	7.0000e-005		2.3500e-003	2.3500e-003		2.1600e-003	2.1600e-003	0.0000	6.5137	6.5137	2.1100e-003	0.0000	6.5664
Total	4.8700e-003	0.0521	0.0382	7.0000e-005	1.5900e-003	2.3500e-003	3.9400e-003	1.7000e-004	2.1600e-003	2.3300e-003	0.0000	6.5137	6.5137	2.1100e-003	0.0000	6.5664

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3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	9.3000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2425	0.2425	1.0000e-005	1.0000e-005	0.2449
Total	1.2000e-004	8.0000e-005	9.3000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2425	0.2425	1.0000e-005	1.0000e-005	0.2449

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.2000e-004	0.0000	7.2000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8700e-003	0.0521	0.0382	7.0000e-005		2.3500e-003	2.3500e-003		2.1600e-003	2.1600e-003	0.0000	6.5137	6.5137	2.1100e-003	0.0000	6.5664
Total	4.8700e-003	0.0521	0.0382	7.0000e-005	7.2000e-004	2.3500e-003	3.0700e-003	8.0000e-005	2.1600e-003	2.2400e-003	0.0000	6.5137	6.5137	2.1100e-003	0.0000	6.5664

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3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	9.3000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2425	0.2425	1.0000e-005	1.0000e-005	0.2449
Total	1.2000e-004	8.0000e-005	9.3000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2425	0.2425	1.0000e-005	1.0000e-005	0.2449

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1066	0.9760	1.0227	1.6800e-003		0.0506	0.0506		0.0476	0.0476	0.0000	144.8283	144.8283	0.0347	0.0000	145.6957
Total	0.1066	0.9760	1.0227	1.6800e-003		0.0506	0.0506		0.0476	0.0476	0.0000	144.8283	144.8283	0.0347	0.0000	145.6957

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3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6000e-004	0.0172	4.7500e-003	7.0000e-005	2.0700e-003	1.9000e-004	2.2500e-003	6.0000e-004	1.8000e-004	7.8000e-004	0.0000	6.2560	6.2560	4.0000e-005	9.5000e-004	6.5397
Worker	6.9200e-003	4.8200e-003	0.0544	1.5000e-004	0.0174	9.0000e-005	0.0175	4.6300e-003	8.0000e-005	4.7200e-003	0.0000	14.1482	14.1482	4.7000e-004	4.3000e-004	14.2875
Total	7.5800e-003	0.0221	0.0592	2.2000e-004	0.0195	2.8000e-004	0.0198	5.2300e-003	2.6000e-004	5.5000e-003	0.0000	20.4042	20.4042	5.1000e-004	1.3800e-003	20.8272

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1066	0.9760	1.0227	1.6800e-003		0.0506	0.0506		0.0476	0.0476	0.0000	144.8281	144.8281	0.0347	0.0000	145.6955
Total	0.1066	0.9760	1.0227	1.6800e-003		0.0506	0.0506		0.0476	0.0476	0.0000	144.8281	144.8281	0.0347	0.0000	145.6955

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3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6000e-004	0.0172	4.7500e-003	7.0000e-005	2.0700e-003	1.9000e-004	2.2500e-003	6.0000e-004	1.8000e-004	7.8000e-004	0.0000	6.2560	6.2560	4.0000e-005	9.5000e-004	6.5397
Worker	6.9200e-003	4.8200e-003	0.0544	1.5000e-004	0.0174	9.0000e-005	0.0175	4.6300e-003	8.0000e-005	4.7200e-003	0.0000	14.1482	14.1482	4.7000e-004	4.3000e-004	14.2875
Total	7.5800e-003	0.0221	0.0592	2.2000e-004	0.0195	2.8000e-004	0.0198	5.2300e-003	2.6000e-004	5.5000e-003	0.0000	20.4042	20.4042	5.1000e-004	1.3800e-003	20.8272

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0826	0.7552	0.8528	1.4100e-003		0.0367	0.0367		0.0346	0.0346	0.0000	121.6975	121.6975	0.0290	0.0000	122.4212
Total	0.0826	0.7552	0.8528	1.4100e-003		0.0367	0.0367		0.0346	0.0346	0.0000	121.6975	121.6975	0.0290	0.0000	122.4212

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3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	0.0116	3.4200e-003	5.0000e-005	1.7300e-003	7.0000e-005	1.8100e-003	5.0000e-004	7.0000e-005	5.7000e-004	0.0000	5.0576	5.0576	2.0000e-005	7.6000e-004	5.2861
Worker	5.3400e-003	3.5300e-003	0.0418	1.3000e-004	0.0146	7.0000e-005	0.0147	3.8900e-003	7.0000e-005	3.9600e-003	0.0000	11.5011	11.5011	3.5000e-004	3.3000e-004	11.6082
Total	5.6200e-003	0.0151	0.0452	1.8000e-004	0.0164	1.4000e-004	0.0165	4.3900e-003	1.4000e-004	4.5300e-003	0.0000	16.5587	16.5587	3.7000e-004	1.0900e-003	16.8943

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0826	0.7552	0.8528	1.4100e-003		0.0367	0.0367		0.0346	0.0346	0.0000	121.6974	121.6974	0.0290	0.0000	122.4211
Total	0.0826	0.7552	0.8528	1.4100e-003		0.0367	0.0367		0.0346	0.0346	0.0000	121.6974	121.6974	0.0290	0.0000	122.4211

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	0.0116	3.4200e-003	5.0000e-005	1.7300e-003	7.0000e-005	1.8100e-003	5.0000e-004	7.0000e-005	5.7000e-004	0.0000	5.0576	5.0576	2.0000e-005	7.6000e-004	5.2861
Worker	5.3400e-003	3.5300e-003	0.0418	1.3000e-004	0.0146	7.0000e-005	0.0147	3.8900e-003	7.0000e-005	3.9600e-003	0.0000	11.5011	11.5011	3.5000e-004	3.3000e-004	11.6082
Total	5.6200e-003	0.0151	0.0452	1.8000e-004	0.0164	1.4000e-004	0.0165	4.3900e-003	1.4000e-004	4.5300e-003	0.0000	16.5587	16.5587	3.7000e-004	1.0900e-003	16.8943

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1600e-003	0.0510	0.0729	1.1000e-004		2.5500e-003	2.5500e-003		2.3500e-003	2.3500e-003	0.0000	10.0134	10.0134	3.2400e-003	0.0000	10.0944
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.1600e-003	0.0510	0.0729	1.1000e-004		2.5500e-003	2.5500e-003		2.3500e-003	2.3500e-003	0.0000	10.0134	10.0134	3.2400e-003	0.0000	10.0944

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.4000e-004	1.7100e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4694	0.4694	1.0000e-005	1.0000e-005	0.4738
Total	2.2000e-004	1.4000e-004	1.7100e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4694	0.4694	1.0000e-005	1.0000e-005	0.4738

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1600e-003	0.0510	0.0729	1.1000e-004		2.5500e-003	2.5500e-003		2.3500e-003	2.3500e-003	0.0000	10.0134	10.0134	3.2400e-003	0.0000	10.0944
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.1600e-003	0.0510	0.0729	1.1000e-004		2.5500e-003	2.5500e-003		2.3500e-003	2.3500e-003	0.0000	10.0134	10.0134	3.2400e-003	0.0000	10.0944

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3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.4000e-004	1.7100e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4694	0.4694	1.0000e-005	1.0000e-005	0.4738
Total	2.2000e-004	1.4000e-004	1.7100e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4694	0.4694	1.0000e-005	1.0000e-005	0.4738

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1502					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	0.1521	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.3000e-004	1.5900e-003	0.0000	5.6000e-004	0.0000	5.6000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4381	0.4381	1.0000e-005	1.0000e-005	0.4422
Total	2.0000e-004	1.3000e-004	1.5900e-003	0.0000	5.6000e-004	0.0000	5.6000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4381	0.4381	1.0000e-005	1.0000e-005	0.4422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1502					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	0.1521	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.3000e-004	1.5900e-003	0.0000	5.6000e-004	0.0000	5.6000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4381	0.4381	1.0000e-005	1.0000e-005	0.4422
Total	2.0000e-004	1.3000e-004	1.5900e-003	0.0000	5.6000e-004	0.0000	5.6000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4381	0.4381	1.0000e-005	1.0000e-005	0.4422

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

Improve Pedestrian Network

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0471	0.0655	0.3941	8.3000e-004	0.0802	7.0000e-004	0.0809	0.0214	6.6000e-004	0.0221	0.0000	76.7383	76.7383	5.0400e-003	4.4000e-003	78.1757
Unmitigated	0.0549	0.0880	0.5258	1.2100e-003	0.1184	1.0000e-003	0.1194	0.0317	9.4000e-004	0.0326	0.0000	111.7971	111.7971	6.2300e-003	5.9100e-003	113.7145

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Retirement Community	115.20	97.44	93.60	317,534	215,023
Total	115.20	97.44	93.60	317,534	215,023

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Retirement Community	10.80	7.30	7.50	45.60	19.00	35.40	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Retirement Community	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707

5.0 Energy Detail

Historical Energy Use: N

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	19.0202	19.0202	3.0800e-003	3.7000e-004	19.2083
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	19.0202	19.0202	3.0800e-003	3.7000e-004	19.2083
NaturalGas Mitigated	3.0200e-003	0.0258	0.0110	1.6000e-004		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	29.8574	29.8574	5.7000e-004	5.5000e-004	30.0348
NaturalGas Unmitigated	3.0200e-003	0.0258	0.0110	1.6000e-004		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	29.8574	29.8574	5.7000e-004	5.5000e-004	30.0348

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Retirement Community	559506	3.0200e-003	0.0258	0.0110	1.6000e-004		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	29.8574	29.8574	5.7000e-004	5.5000e-004	30.0348
Total		3.0200e-003	0.0258	0.0110	1.6000e-004		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	29.8574	29.8574	5.7000e-004	5.5000e-004	30.0348

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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5.2 Energy by Land Use - NaturalGas

Mitigated

NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	tons/yr						Land Use	kBTU/yr	
											Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e			
Retirement Community	559506	3.0200e-003	0.0258	0.0110	1.6000e-004	2.0800e-003	2.0800e-003	2.0800e-003	2.0800e-003	2.0800e-003	0.0000	29.8574	29.8574	29.8574	5.7000e-004	5.5000e-004	30.0348	Retirement Community	559506
Total											0.0000	29.8574	29.8574	29.8574	5.7000e-004	5.5000e-004	30.0348	Total	

5.3 Energy by Land Use - Electricity

Unmitigated

Electricity Use	Total CO2	CH4	N2O	CO2e	kWh/yr		Land Use
					205571	19.0202	
Retirement Community	19.0202	3.0800e-003	3.7000e-004	19.2083	205571	19.0202	Retirement Community
Total	19.0202	3.0800e-003	3.7000e-004	19.2083			Total

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Retirement Community	205571	19.0202	3.0800e-003	3.7000e-004	19.2083
Total		19.0202	3.0800e-003	3.7000e-004	19.2083

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2132	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962
Unmitigated	0.2132	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0150					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0107	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962
Total	0.2132	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0150					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0107	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962
Total	0.2132	4.1100e-003	0.3565	2.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	0.5822	0.5822	5.6000e-004	0.0000	0.5962

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.5571	0.0818	1.9600e-003	5.1863
Unmitigated	3.1964	0.1023	2.4500e-003	6.4829

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Retirement Community	3.12739 / 1.97162	3.1964	0.1023	2.4500e-003	6.4829
Total		3.1964	0.1023	2.4500e-003	6.4829

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Retirement Community	2.50191 / 1.57729	2.5571	0.0818	1.9600e-003	5.1863
Total		2.5571	0.0818	1.9600e-003	5.1863

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.1205	0.0662	0.0000	2.7760
Unmitigated	4.4820	0.2649	0.0000	11.1041

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

Waste Disposed	Total CO2	CH4	N2O	CO2e
tons	MT/yr			
Retirement Community	22.08	4.4820	0.2649	0.0000
Total	4.4820	0.2649	0.0000	11.1041

Mitigated

Waste Disposed	Total CO2	CH4	N2O	CO2e
tons	MT/yr			
Retirement Community	5.52	1.1205	0.0662	0.0000
Total	1.1205	0.0662	0.0000	2.7760

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

Irwin Senior Apartments - San Joaquin County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

APPENDIX B
BIOLOGICAL RESOURCES MATERIALS

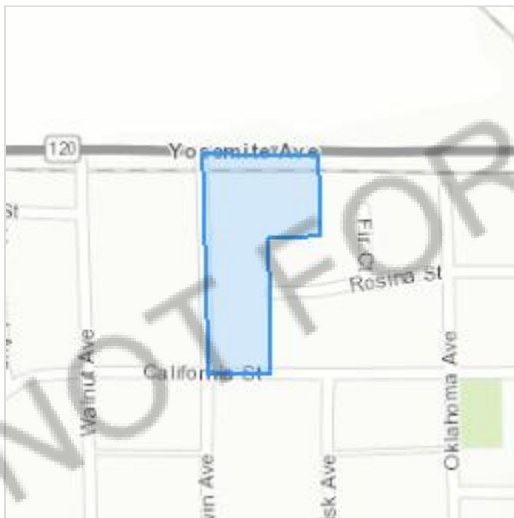
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

San Joaquin County, California



Local office

Sacramento Fish And Wildlife Office

☎ (916) 414-6600

📠 (916) 414-6713

Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Reptiles

NAME	STATUS
Giant Garter Snake <i>Thamnophis gigas</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/4482	Threatened

Amphibians

NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/2891	Threatened
California Tiger Salamander <i>Ambystoma californiense</i> There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/2076	Threatened

Fishes

NAME	STATUS
Delta Smelt <i>Hypomesus transpacificus</i> Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/321	Threatened

Insects

NAME	STATUS
Valley Elderberry Longhorn Beetle <i>Desmocerus californicus dimorphus</i> Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/7850	Threatened

Crustaceans

NAME	STATUS
------	--------

Vernal Pool Fairy Shrimp *Branchinecta lynchi*

Threatened

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/498>

Vernal Pool Tadpole Shrimp *Lepidurus packardii*

Endangered

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/2246>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This

is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)
<p>Nuttall's Woodpecker <i>Picoides nuttallii</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9410</p>	Breeds Apr 1 to Jul 20
<p>Oak Titmouse <i>Baeolophus inornatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9656</p>	Breeds Mar 15 to Jul 15
<p>Yellow-billed Magpie <i>Pica nuttalli</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9726</p>	Breeds Apr 1 to Jul 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper

Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (—)

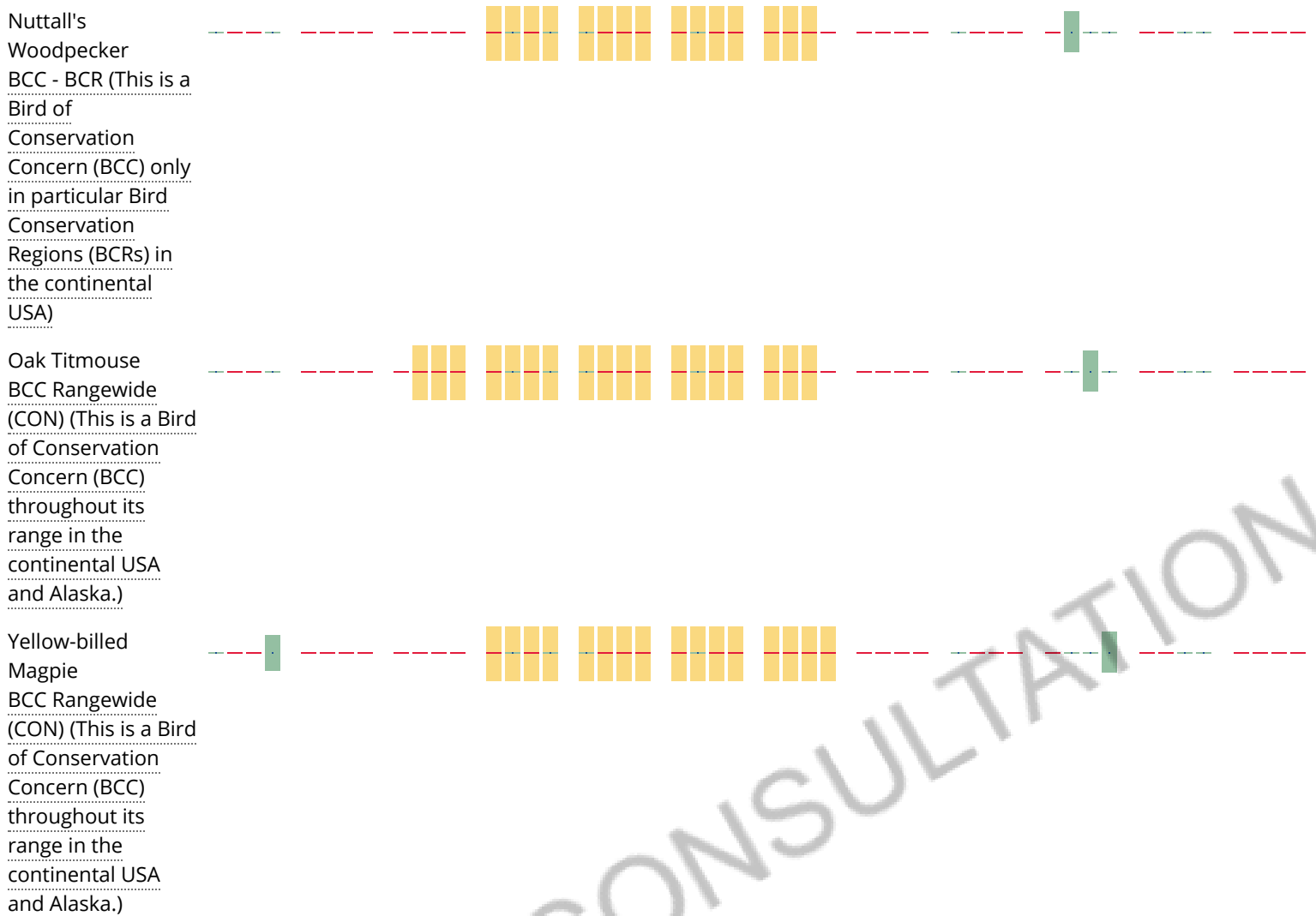
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

■ probability of presence ■ breeding season | survey effort — no data

SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review.

Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

RIVERINE

[R5UBFx](#)

A full description for each wetland code can be found at the [National Wetlands Inventory website](#)

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

CNDDDB Quad Species List 9 records.

Element Type	Scientific Name	Common Name	Element Code	Federal Status	State Status	CDFW Status	CA Rare Plant Rank	Quad Code	Quad Name	Data Status	Taxonomic Sort
Animals - Amphibians	Ambystoma californiense	California tiger salamander	AAAAA01180	Threatened	Threatened	WL	-	3712171	AVENA	Mapped	Animals - Amphibians - Ambystomatidae - Ambystoma californiense
Animals - Birds	Buteo swainsoni	Swainson's hawk	ABNKC19070	None	Threatened	-	-	3712171	AVENA	Mapped	Animals - Birds - Accipitridae - Buteo swainsoni
Animals - Birds	Athene cunicularia	burrowing owl	ABNSB10010	None	None	SSC	-	3712171	AVENA	Unprocessed	Animals - Birds - Strigidae - Athene cunicularia
Animals - Fish	Mylopharodon conocephalus	hardhead	AFCJB25010	None	None	SSC	-	3712171	AVENA	Unprocessed	Animals - Fish - Cyprinidae - Mylopharodon conocephalus
Animals - Fish	Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	AFCHA0209K	Threatened	None	-	-	3712171	AVENA	Mapped and Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 11
Animals - Fish	Oncorhynchus tshawytscha pop. 13	chinook salmon - Central Valley fall / late fall-run ESU	AFCHA0205N	None	None	SSC	-	3712171	AVENA	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus tshawytscha pop. 13
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	Candidate Endangered	-	-	3712171	AVENA	Mapped	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Desmocerus californicus dimorphus	valley elderberry longhorn beetle	IICOL48011	Threatened	None	-	-	3712171	AVENA	Mapped	Animals - Insects - Cerambycidae - Desmocerus californicus dimorphus
Animals - Reptiles	Anniella pulchra	Northern California legless lizard	ARACC01020	None	None	SSC	-	3712171	AVENA	Mapped	Animals - Reptiles - Anniellidae - Anniella pulchra

**APPENDIX C
CULTURAL RESOURCE REPORT**

***ARCHAEOLOGICAL RESOURCE REPORTS ARE
CONFIDENTIAL BUT ARE AVAILABLE TO QUALIFIED
REVIEWERS AT THE CITY OF ESCALON PLANNING
DEPARTMENT**



EVANS & DE SHAZO

ARCHAEOLOGY HISTORIC PRESERVATION

A HISTORIC RESOURCE EVALUATION OF THE PROPERTY AT 706 CALIFORNIA STREET, ESCALON, SAN JOAQUIN COUNTY, CALIFORNIA

SUBMITTED TO:

Charlie Simpson
BaseCamp Environmental, Inc.
csimpson@basecampenv.com

SUBMITTED BY:

Stacey De Shazo, M.A.
Principal Architectural Historian
stacey@evans-deshazo.com
and
Bee Thao, M.A.
Cultural Resource Specialist

October 19, 2021

Evans & De Shazo, Inc
1141 Gravenstein Highway South,
Sebastopol, CA 95472
707-823-7400
www.evans-deshazo.com

MANAGEMENT SUMMARY

Evans & De Shazo, Inc. (EDS) completed a Historic Resource Evaluation (HRE) of a ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape within a 0.8-acre property at 706 California Street, Escalon, San Joaquin County, California, within Assessor Parcel Number (APN) 225-070-320 (Property). The Property is part of a larger project area consisting of a 3.17-acre property, including the 0.8-acre Property (APN 225-070-320) and an adjacent 3.09-acre vacant parcel (APN 225-070-032) (Project Area) that are part of a project known as the Irwin Village Project (Project) proposed by the Housing Authority of the County of San Joaquin (HACSJ). The Project consists of the demolition of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape, and the construction of low-income senior housing and related facilities within the Project Area. The proposed Project will utilize Project-Based Vouchers (PBVs) for the senior residential units provided through the Department of Housing and Urban Development (HUD) PBV Program (24 CFR Part 983); therefore, the proposed Project is subject to HUD environmental review procedures found in 24 CFR Part 58, requiring compliance with the National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act (NHPA), and its implementing regulations found at 36 CFR Part 800. The HRE was completed to identify if there are any built environment historic resources eligible or listed on the National Register of Historic Places (NRHP) (i.e., built environment historic properties) within the Property, and determine if the proposed Project will result in any adverse effects to built environment historic properties, providing guidance as warranted. The HRE was completed by EDS Principal Architectural Historian Stacey De Shazo, M.A., who exceeds the Secretary of Interior's professional qualification standards in architectural history and history, and Cultural Resource Specialist Bee Thao, M.A.

An Area of Potential Effect (APE) considering direct impacts to potential historic properties (i.e., Direct APE) was established for the Project. The Direct APE includes the 0.8-acre Property, which includes the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape, and the adjacent 3.09-acre vacant parcel, which is part of the associated landscape. The two properties that make up the Direct APE were surveyed and evaluated to determine eligibility for the NRHP and documented on Department of Parks and Recreation (DPR) 523 forms. The methods used to complete the HRE included research and review of primary and secondary documentation and a historic architectural survey of the Project Area. Research revealed that none of the built environment resources within the Property have been previously evaluated for individual eligibility for listing on the NRHP following Section 106 guidelines, and there are no previously recorded historic properties within the Property.

The HRE determined that none of the built environment resources, including the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape within the Property are individually eligible for listing on the NRHP and there are currently no listed or eligible historic properties within the Property; therefore, based on the results of the HRE, EDS recommends a finding of "no built environment historic properties affected," and as such, no Project-specific recommendations are warranted.



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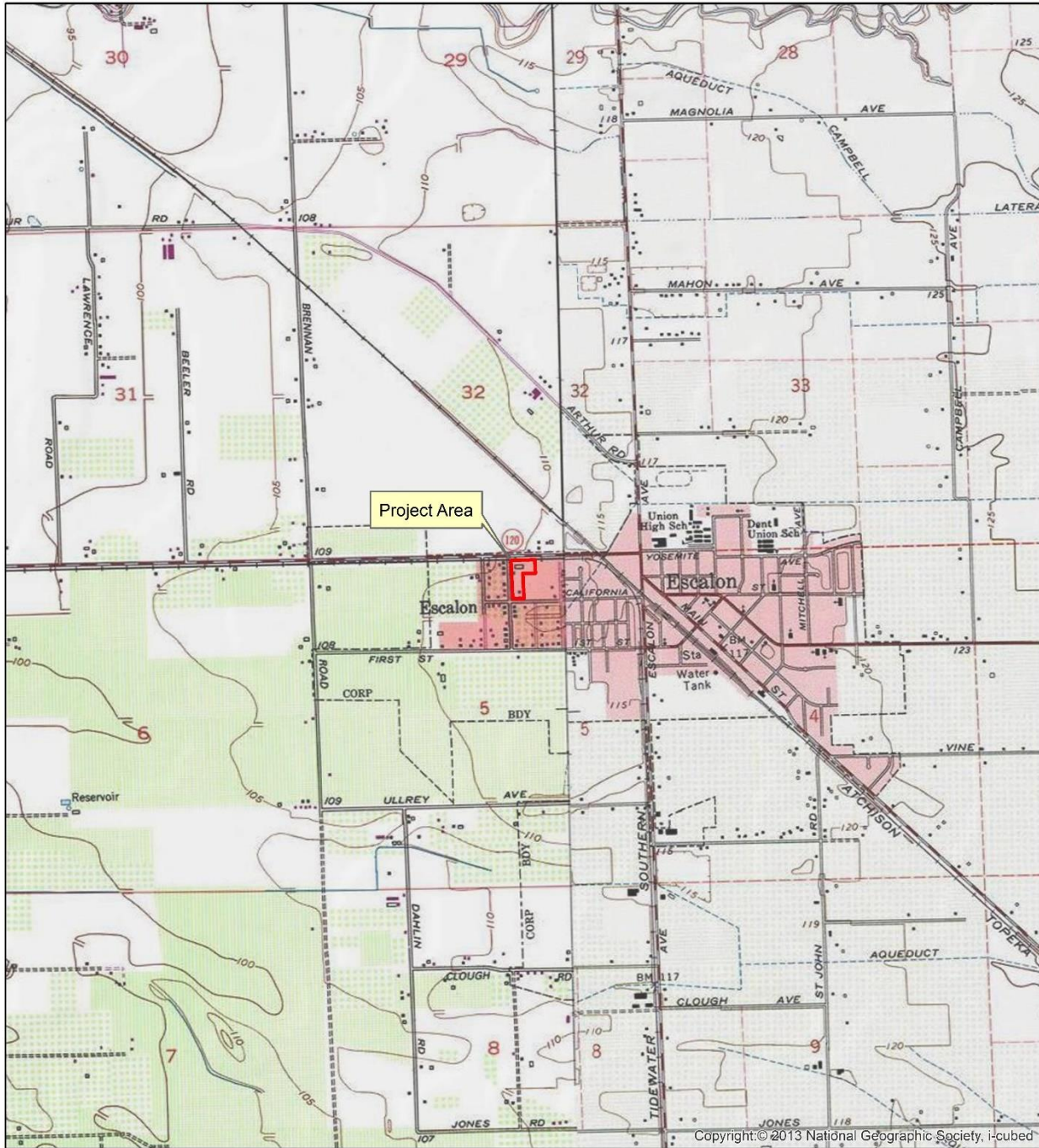
INTRODUCTION

Evans & De Shazo, Inc. (EDS) completed a Historic Resource Evaluation (HRE) of a ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape within a 0.8-acre property at 706 California Street, Escalon, San Joaquin County, California, within Assessor Parcel Number (APN) 225-070-320 (Property). The Property is part of a larger project area consisting of a 3.17-acre property that includes the 0.8-acre Property (APN 225-070-320) and an adjacent 3.09-acre vacant parcel (APN 225-070-032) (Project Area) that are part of a project known as the Irwin Village Project (Project), proposed by the Housing Authority of the County of San Joaquin (HACSJ). The Project consists of the demolition of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape, and the construction of low-income senior housing and related facilities within the Project Area. The proposed Project will utilize Project-Based Vouchers (PBVs) for the senior residential units provided through the Department of Housing and Urban Development (HUD) PBV Program (24 CFR Part 983); therefore, the proposed Project is subject to HUD environmental review procedures found in 24 CFR Part 58, requiring compliance with the National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act (NHPA), and its implementing regulations found at 36 CFR Part 800. The HRE was completed to identify if there are any built environment historic resources eligible or listed on the National Register of Historic Places (NRHP) (i.e., built environment historic properties) within the Property, and determine if the proposed Project will result in any adverse effects to built environment historic properties, and providing guidance as needed. The Project is exempt from the California Environmental Quality Act (CEQA).

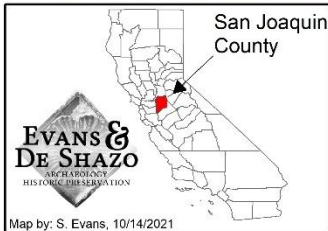
The HRE was completed using specific guidelines and evaluation criteria outlined in Section 106 of the NHPA. The HRE was completed by EDS Principal Architectural Historian Stacey De Shazo, M.A., who exceeds the Secretary of Interior's professional qualification standards in architectural history and history, and Cultural Resource Specialist Bee Thao, M.A.

PROJECT AREA LOCATION

The Project Area includes the 0.8-acre Property (APN 225-070-320) at 706 California Street and the adjacent 3.09-acre vacant parcel (APN 225-070-032) (Figure 1). The Project Area is situated on the northeast corner of California Street and Irwin Avenue within the city of Escalon, approximately 0.1 miles south of Yosemite Avenue (aka Highway 120) and about 0.6 miles west of downtown Escalon. The Project Area consists of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse located within APN 225-070-320 (Figure 2), and the associated landscape is within APNs 225-070-320 and -032.



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706 California Street
Escalon, San Joaquin County, CA
(APNs 225-070-20 and 225-070-32)

USGS 7.5' Avena, Calif. (1952; revised 1994)
 Township 2 South | Range 9 East | Section 5
 NAD 83 UTM Zone 10N

LEGEND

 Project Area

1:24,000

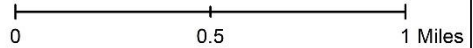
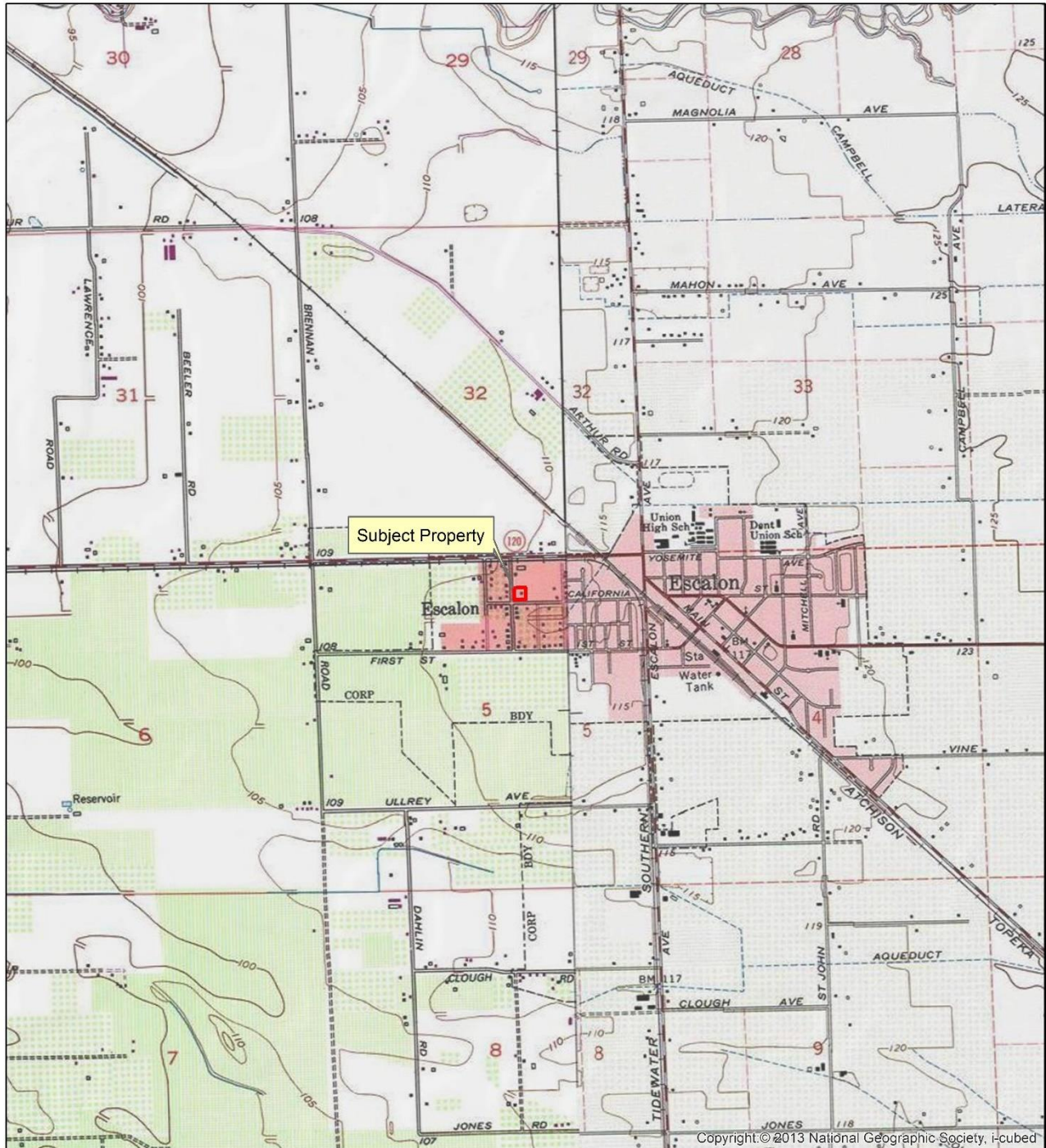


Figure 1. Project Area map.



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San Joaquin County

EVANS & DE SHAZO
 ARCHAEOLOGY & HISTORIC PRESERVATION

Map by: S. Evans, 10/14/2021

706 California Street
Escalon, San Joaquin County, CA
(APN 225-070-32)

USGS 7.5' Avena, Calif. (1952; revised 1994)
 Township 2 South | Range 9 East | Section 5
 NAD 83 UTM Zone 10N

1:24,000

LEGEND

 Subject Property



0 0.5 1 Miles

Figure 2. Property location map.



AREA OF POTENTIAL EFFECT (APE)

The regulations implementing Section 106 of the NHPA require that an Area of Potential Effect (APE) be delineated for the Project (36 CFR 800.16[d]). An APE is defined as “the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties if any such properties exist.”

A Direct APE was established for this Project, which includes the area within which the proposed Project has the potential to directly affect built environment resources, at least 50 years in age. As such, the Direct APE is the 3.17-acre Project Area comprised of two adjacent parcels, including the 0.8-acre Property (APN 225-070-320) consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape, and the adjacent 3.09-acre vacant parcel (APN 225-070-032) that is part of the associated landscape.

REGULATORY SETTING

The proposed Project is subject to the HUD environmental review procedures (24 CFR Part 58), which require compliance with NEPA and Section 106 of the NHPA and its implementing regulations found at 36 CFR Part 800. The NEPA and Section 106 of the NHPA regulations, as they pertain to cultural resources, are outlined below.

THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

NEPA (42 U.S.C. 4321 et seq.) establishes national environmental policies and goals for the protection, maintenance, and enhancement of the environment and provides a process for implementing these goals within the Federal agencies.

The term "cultural resources" is not defined in NEPA. NEPA addresses the "human" — social and cultural — aspects of the environment. Culturally valued aspects of the environment generally include historic properties (as defined by the NHPA), sacred sites, and archaeological sites that are not eligible for the NRHP and archaeological collections. The cultural use of natural resources and such "intangible" socio-cultural attributes as social cohesion, social institutions, life ways, religious practices, and other cultural institutions are typically evaluated under the "social impact" category.

NATIONAL HISTORIC PRESERVATION ACT (NHPA) – SECTION 106

Section 106 pertains to Federal “undertakings,” defined as a project, activity, or program funded in whole or in part under the direct or indirect jurisdiction of a Federal agency, including those carried out by or on behalf of a Federal agency, those carried out with Federal financial assistance, and those requiring a Federal permit, license, or approval. The NHPA directs federal agencies to consider (through identification, recordation, and mitigation) the effects of proposed activities on historic properties and give the Advisory Council on Historic Preservation (ACHP) an opportunity to comment. Historic properties are properties that are included in the NRHP or that meet the criteria for the National Register.



NATIONAL REGISTER OF HISTORIC PLACES (NRHP)

Historic properties are districts, sites, buildings, structures, and objects listed or found eligible for listing in the NRHP. Unlisted properties are evaluated against the National Register criteria to determine eligibility for listing, in consultation with the State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) and any Native American Tribe that may attach religious or cultural importance to them.

To be included or qualify for the National Register, a building, structure, object, site or district must possess significance in American history, architecture, archaeology, engineering or culture, and must be associated with an important historic context and retain historic integrity of those features necessary to convey its significance. The resource should possess integrity of location, design, setting, materials, workmanship, feeling, and association, and meet any of the following criteria:

- A. Is associated with events that have made a significant contribution to the broad patterns of our history; or
- B. Is associated with the lives of persons important in our past; or
- C. Embody the distinctive characteristics of a type, period, or method of construction, or represent the work of a master, or possesses high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction; or,
- D. Has yielded, or may be likely to yield, information important in prehistory or history.

METHODS

The methods used to complete the HRE included a review of a record search conducted by the Central California Information Center (CCIC) of the California Historical Information Systems (CHRIS) (CCIC File #11789L) to determine if the Project Area has been previously surveyed for cultural resources or contains any previously recorded culture resources. EDS also conducted extensive online research, including at the San Joaquin County Assessor/Recorder Office, the San Joaquin Historical Museum, the Escalon Historical Museum, the Escalon Planning Department, and the San Joaquin County Planning Department. The client also provided EDS with a title history of the two properties within the Project Area that were obtained from the San Joaquin County Assessor/Recorder Office. EDS also reviewed digital documents on file with EDS, such as historical maps, historical aerial photographs, and other primary source documents. The purpose of the research was to understand the history of the Project Area and the surrounding area to assist in developing a historical context to evaluate the historical significance of the built environment within the Project Area. EDS Principal Architectural Historian Stacey De Shazo, M.A. also completed an architectural survey to identify the age, any known architectural style or form, character-defining features, materials, and alterations of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape within the Project Area. Department of Parks and Recreation (DPR) 523 forms were also completed for the Project Area (Appendix A).

Cultural Resource Inventories

As part of the record search, the following inventories were reviewed:



- National Register of Historic Places (NRHP)
- California Register of Historical Resources (CRHR)
- California Historical Landmarks (CHL)
- California Points of Historical Interest (CPHI)
- California OHP BERD for San Joaquin County (2020)

Online Research

Online research utilized the following sources:

- www.newspapers.com
- www.ancestry.com
- www.calisphere.com (University of California)
- <http://www.library.ca.gov/> (California State Library)
- <https://cdnc.ucr.edu/> California Digital Newspaper Collection
- <http://pcad.lib.washington.edu/> (Pacific Coast Architecture Database [PCAD])
- <https://aiahistoricaldirectory.atlassian.net> (AIA Historical Directory of American Architects)

HISTORICAL SETTING

The following historical setting provides a brief history of the city of Escalon and a specific historical context associated with the Project Area, including the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape. The historic setting serves as the basis for evaluating the historic significance of the built environment resources, at least 50 years in age, located within the Direct APE.

MEXICAN PERIOD (1821 – 1848)

In 1821, Mexico declared its independence from Spain and took possession of “Alta California”,¹ marking the end of the Spanish period (1769 – 1821) and the beginning of the Mexican period, also referred to as the “rancho” period in Alta California. In 1833, the missions in California were secularized by the Mexican government, and mission-owned land was dissolved. During this time, extraordinary changes occurred throughout California, as the Mexican government lacked the strong oversight and military rule previously imposed by the Spanish, and as such, there were new opportunities for trade when foreign ships that had previously been held off by Spanish guarded military ports could dock and provide a variety of provisions to local settlers throughout California. These new provisions, including tea, coffee, sugars, spices, spirits, and a variety of manufactured goods, made their way into the region, and the taxes on these imported goods became the main source of revenue for the Mexican government in California. Likewise, products produced

¹ Alta California was a polity of New Spain founded in 1769 and became a territory of Mexico after the Mexican War of Independence in 1822.




in Alta California were exported, which bolstered the hide and tallow trade that became the primary business activity in California during this time. During this time, the Mexican colonial authorities encouraged settlement of Alta California by providing large land grants called ranchos to politically prominent persons that were loyal to the Mexican Government and permitting foreigners to settle the land. As a result, the 20 or so ranchos that had existed in Alta California during the Spanish period increased to roughly 800 ranchos that varied from 10,000 to 20,000 acres during the Mexican period. During the Mexican period, the Project Area was situated within unclaimed lands of the Mexican government.

EARLY AMERICAN PERIOD (1848 – 1855)

The beginning of the American Period in California is marked by the end of the Mexican-American War (1846 - 1848) in 1848 when the U.S. took possession of the territories including California, New Mexico, Texas, and Arizona in the signing of the Treaty of Guadalupe Hidalgo on February 2, 1848. The Treaty of Guadalupe Hidalgo provided the resident Mexicans their American citizenship and guaranteed title to ranchos granted in the Mexican period. However, less than two weeks prior to the signing of the treaty, on January 24, 1848, James Marshall discovered gold at Sutter's Mill, which marked the start of California's Gold Rush (1848 to 1855). Soon the excitement of the Gold Rush and the promise of fertile and abundant land brought between 150,000 and 200,000 new settlers to California from all over the U.S., as well as Scotland, Ireland, England, Germany, and France.^{2 3} In an effort to quickly resolve Mexican rancho land disputes, the U.S. Congress passed the California Land Act of 1851 that established a three-member Public Land Commission (Commission) to determine the validity of prior Spanish and Mexican land grants.⁴ The act required landowners who claimed title under the Mexican government to file a claim with the Commission within two years. Although the Commission eventually confirmed most of the original Mexican land grants, the burden was on landowners to prove their title. So, the cost of litigation forced many to sell off some or all of their land and cattle to newly arriving settlers or the lawyers they hired to define their land claims in court.⁵ During this time, the Project Area was located within public land surveyed under the Public Land Survey System (PLSS) in the early 1850s and made available to new settlers.

HISTORY OF ESCALON

The following section was taken in part from the 2021 report, "Cultural Resources Inventory and Evaluation Report Housing Authority of the County of San Joaquin Irwin Village Project" completed by Basecamp 

² Karen Clay, *Property Rights and Institutions: Congress and the California Land Act 1851*, The Journal of Economic History, Cambridge University Press, 59(01):122-142, March 1999.

³ Commodore Stockton was also responsible for driving the Mexican forces out of California during the Mexican-American War.

⁴ The Spanish government-controlled California land from approximately 1770 to 1821 and the Mexican government-controlled California land from 1821 to 1846.

⁵ Nancy Olmsted. *Vanished Waters: A History of San Francisco's Mission Bay*, Mission Creek Conservancy, San Francisco, 1986.



Environmental, Inc.,⁶ for the proposed Project, which was further developed by EDS.

The first known European American settler in the present-day city of Escalon was John Wheeler Jones. In the early 1850s, Jones traveled overland from Missouri with his family arriving in California in 1852. John first settled in Stockton, where he worked as a teamster hauling supplies to and from the mines and settlements within the Sierra Nevada foothills and the San Joaquin Valley.⁷ In 1855, John settled on public land near the present-day city of Escalon, on French Camp Road,⁸ which was a major transportation route for freight and travelers to and from the mines in the Sierra Nevada foothills. John established a farm, growing grain and raising livestock. During the 1850s, his land holdings grew, and by 1860, John was one of the most successful farmers and ranchers in the area. In 1867, John had a two-story, 11 room, revival-style brick house built for \$12,000.⁹ The house was constructed along French Camp Road and attracted a lot of attention from travelers, as it was one of the only houses in the area. During this time, teamsters heading to the mines and other travelers often stopped at Jones' house, known as a place to have a fine meal of antelope shot by John.¹⁰

Throughout the 1870s and 1880s, the area around Escalon grew as new settlers arrived and established farms. John's land holdings had increased substantially by this time, much of which was planted in grain, as well as fruit and nut trees. John also planted the first vineyards in the region.¹¹ By the 1890s, John owned a reported 40,000 acres, with 4,000 acres around Escalon.¹² During this time, the nearby city of Stockton, the county seat, was rapidly growing, resulting in the establishment of new towns, including Manteca, Ripon, and Escalon. Although Escalon's growth was gradual, its location along French Camp Road was also critical to its development. In 1893, John died at the age of 72, and his property was divided among his children, with approximately 1,000 acres of his property including present-day Escalon willed to his son James Wesley Jones, known as the founder of Escalon.

In 1896, Escalon got a boost with the arrival of the San Francisco-San Joaquin Valley Railroad (SF&SJVR) in the spring of that year. In 1895, before the train's arrival, James Wesley Jones sold a portion of his land to the SF&SJVR for the railroad right-of-way, and this same year he laid out the town of Escalon, which in Spanish means steppingstone or stair step. The city was planned with boundaries established following the cardinal directions, but the streets were laid out diagonally. Shortly after the construction of the SF&SJVR rail line, the

⁶ Brian Ludwig and Jason Coleman, "Cultural Resources Inventory and Evaluation Report Housing Authority of the County of San Joaquin Irwin Village Project", [Basecamp Environmental, Inc, 2021](#).

⁷ Ibid

⁸ French Camp Road was established in about 1832 to serve as a post for French-Canadian hunters working for the Hudson's Bay Company.

⁹ Brian Ludwig and Jason Coleman, "Cultural Resources Inventory and Evaluation Report Housing Authority of the County of San Joaquin Irwin Village Project", Basecamp Environmental, Inc, 2021.

¹⁰ Ibid.

¹¹ Ibid.

¹² George H., Tinkham, *History of San Joaquin County, California: With Biographical Sketches of leading Men and Women of the County who have been identified with its growth and development from the early days to the present*. Historic Record Company, Los Angeles, CA, 1923.



Atchison, Topeka, and Santa Fe Railroad (Santa Fe Railroad) purchased the rail line and in 1898 constructed a train depot in Escalon (Figure 3). The depot, which had a second-floor residence for the train agent and his family, was constructed at the intersection of Main and Second streets.¹³ Following the construction of the depot, the town's first store and a post office were built by Mrs. Charles Jordan (first name unknown), wife of the town's first train station agent,¹⁴ and James constructed a hotel near the depot to house prospective buyers interested in investing in the new town. Next, Nelson Leighton, one of the town's early settlers, built a two-story building that housed a store on the first floor and a social hall on the second floor, providing a place for social functions. Nelson also installed Escalon's first telephone switchboard in his store. James' brother, David L. Jones, and his business partner, John A. Coley, established Escalon's first real estate agency and built the town's first warehouse. As more settlers arrived, new businesses were added to the growing downtown, and new farms, including dairy, grain, fruit, and nuts, were established within land owned by James, who sold lots to the newly arriving settlers. By the 1890s, the Escalon's Santa Fe Depot was a central shipping point for fruit, dairy, and alfalfa products.¹⁵

In 1900, the population of the town of Escalon was approximately 200 residents. During this time, downtown Escalon included the Santa Fe Depot, Leighton's mercantile store, the H.L. McPherson and Company General Merchandise store that also housed the post office with H.L. McPherson serving as the Postmaster, a salon and hotel, a real estate company, and the "Escalon Drug Company" (Figure 4). In 1914, Escalon's population had tripled to roughly 650 residents, of which 40 percent were Swedish immigrants, as the result of efforts by the Swedish Colonization Society, which established a real estate office on First Street in downtown Escalon in 1904 (Figure 5). Although the town was growing, the area did not experience significant growth until the construction of water conveyance systems, which provided for regular irrigation to the farming community.

In 1909, the South San Joaquin Irrigation District was formed, and soon after, water began to be diverted from the Stanislaus River (Figure 6) to areas throughout San Joaquin Valley, including the farmland surrounding the town of Escalon. By 1914, the South San Joaquin Irrigation District had constructed lateral ditches and was able to irrigate 40-acre parcels in the area.¹⁶ The new irrigation system increased the ability of farmers to grow fruit and nut crops, in addition to grain. During this time, electricity arrived in Escalon, and streetlights were installed downtown. Soon, downtown streets were paved, and new businesses opened, including blacksmith shops and lumberyards, and several new churches were built (Figure 7 and Figure 8). In 1911, the Escalon Board of Trade and the Women's Improvement Club were formed, and in 1912, a volunteer

¹³ Barbara Willis and the Escalon Historical Society, *Escalon*, Arcadia Publishing, 2008.

¹⁴ Ralph Lea and Christi Kennedy, "Escalon's first family paved way for farmers, travelers, settlers", accessed October 12, 2021, https://www.lodinews.com/features/vintage_lodi/article_343b8847-f70d-590a-828c-51d3335486ea.html, 2004.

¹⁵ Brian Ludwig and Jason Coleman, "Cultural Resources Inventory and Evaluation Report Housing Authority of the County of San Joaquin Irwin Village Project", Basecamp Environmental, Inc, 2021.

¹⁶ Lea Ralph and Christi Kennedy, "Escalon's first family paved way for farmers, travelers, settlers", accessed October 12, 2021, https://www.lodinews.com/features/vintage_lodi/article_343b8847-f70d-590a-828c-51d3335486ea.html, 2004.



fire department was established. This same year, resident F. S. Thornton founded the Escalon Tribune, which had a slow start. In 1920, Oscar H. Neil purchased the paper and circulation doubled.¹⁷ During this time, the 1867 John Wheeler Jones house served numerous functions, including as the newly formed Escalon high school's district headquarters from 1919 to 1922, then the headquarters of the Escalon Women's Club, and was later used as a hospital.¹⁸

The Tidewater Southern Railway (TSRY), an electric interurban rail line that ran from Stockton southwards through Escalon and into Turlock, was established during the early twentieth century.¹⁹ In 1918, the TSRY was acquired by Western Pacific Railroad. During this time, the rail lines networks throughout the county enabled the San Joaquin Valley communities to expand; however, by the 1920s, passenger service declined as the automobile became more affordable to the average person, and by the 1940s, truck transport caused the further decline of the rail transportation.

During the 1930s and 1940s, San Joaquin Valley played a significant role in World War II (WWII) efforts, as war-related industries and activities brought thousands of people to the San Joaquin Valley area, increasing farming production and the growth of Escalon. In December 1941, the U.S. entered into WWII, and in 1942, the government established the San Joaquin Depot with 39 distribution facilities within three cities, including Tracy, Lathrop, and Stockton, that received, stored, and shipped supplies throughout the U.S. and the Pacific overseas combat areas during the war.²⁰

After the war ended in 1945, new agricultural, industrial, and real estate industries emerged in San Joaquin County, including within the town of Escalon, resulting in residential and population growth. In 1950, the population of Escalon was approximately 1,700, and in 1957, Escalon was incorporated and established its own city government. During this time, several industries, including the Escalon Packers (aka Escalon Premiere Brands), a tomato packing plant, Standard Rock/Standards Materials company that supplied ready-mix concrete, rock, cement, and asphalt for road construction, and the Central Blow Pipe and Steel Company, Inc., were established in Escalon. These industries helped support the local economy and growth of the town during the 1950s and 1960s. By 1970, the population of Escalon had nearly doubled to 2,366 residents. In 1991, Escalon Packers was acquired by Heinz (Kraft Heinz), employing over 750 workers at the Escalon plant. Today Escalon remains largely an agricultural community.

¹⁷ Ibid.

¹⁸ Barbara Willis and the Escalon Historical Society, *Escalon*, Arcadia Publishing, 2008.

¹⁹ Tidewater Southern Railway Historical Society, accessed October 16, 2021, <https://tidewatersouthernrailway.org/>.

²⁰ California Military Department, *California and the Second World War: San Francisco Metropolitan Area during World War II*. Sacramento, CA: California State Military Museums, 2016, accessed September 30, 2021, <http://www.militarymuseum.org/SFWWII.html>.



Figure 3. ca. 1910 photograph of the Santa Fe Railroad Depot constructed in 1910 in Escalon.²¹

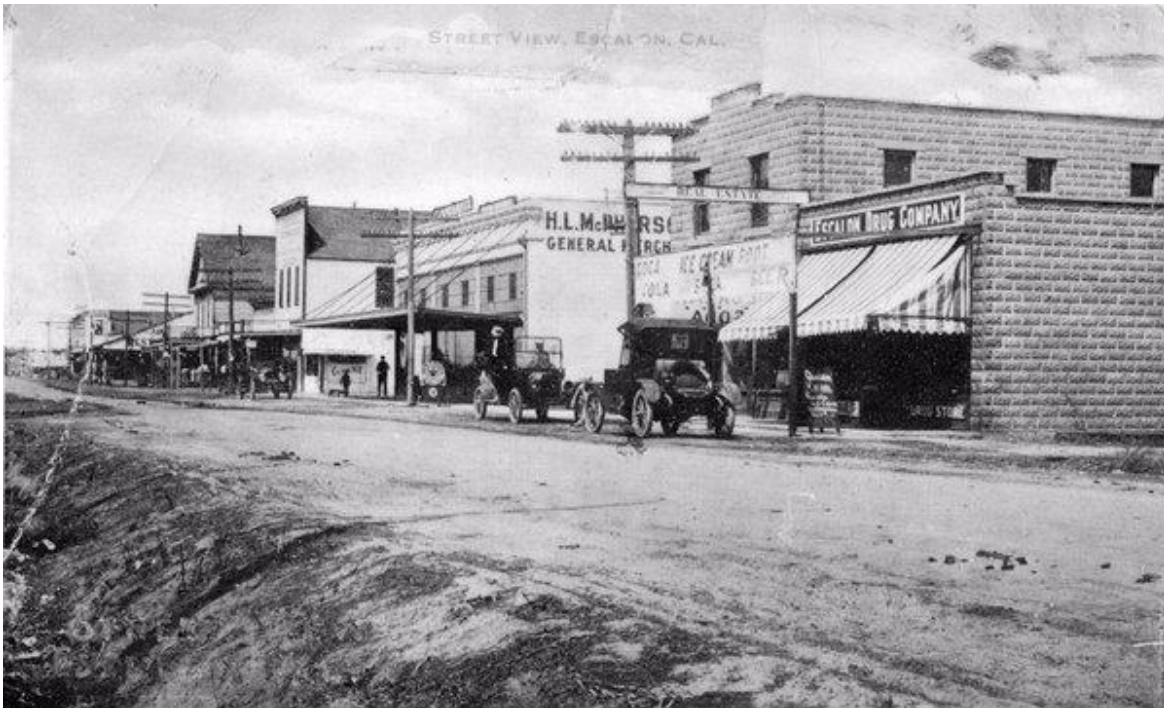


Figure 4. ca. 1900 photograph of Main Street Escalon.²²

²¹ Barbara Willis and the Escalon Historical Society, *Escalon*, Arcadia Publishing, 2008.

²² *Ibid.*



Figure 5. ca. 1904 photograph of First Street in Escalon, showing the “Office of the Swedish Colonization Society”.²³



Figure 6. ca. 1912 photograph showing men “preparing lumber for irrigation ditch” in Escalon, and the Santa Fe Depot in the background.²⁴

²³ Barbara Willis and the Escalon Historical Society, *Escalon*, Arcadia Publishing, 2008.

²⁴ Ibid.



Figure 7. ca. 1915 photograph of downtown Escalon, showing the Santa Fe Depot (center), downtown (background), and the lumber yard (foreground).²⁵



Figure 8. ca. 1915 photograph of the Escalon State Bank, constructed in 1912 in downtown Escalon.²⁶

²⁵ Barbara Willis and the Escalon Historical Society, *Escalon*, Arcadia Publishing, 2008.

²⁶ Ibid.



"Tidewater" "Tidewater"

Tidewater Southern RAILWAY

FOUR=TRAINS DAILY=FOUR

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Fast Freight Service : No Transfer : No Delays

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\$1.20 Round Trip Stockton and Modesto	Either Direction
.80 Round Trip Stockton and Escalon	
.55 Round Trip Stockton and Atlanta	

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"The People's Way"

"Tidewater" "Tidewater"

Figure 9. A Tidewater Southern Railway advertisement published in the 1912 Irrigation Bulletin.²⁷

AGRICULTURE AND IRRIGATION HISTORY

The following Historic Context section relating to Agriculture and Irrigation was excerpted from the *ACE Extension Lathrop to Ceres/Merced Historical Resources Inventory and Evaluation Report*, Prepared by AECOM for the Federal Railroad Administration and San Joaquin Regional Rail Commission, March 2018.

"Several irrigation districts were established in the San Joaquin Valley throughout the late nineteenth and early twentieth centuries. Irrigation districts were cooperative public and private entities with large geographic territories established to overcome water distribution problems and boundary limitations established by cities and municipalities. Several of those districts are relevant to this study, including the South San Joaquin Irrigation District in San Joaquin County; the TID and Merced Irrigation District (MID) in Stanislaus and Merced Counties; and the Merced Irrigation District in Merced County.

In the 1890s, the Stanislaus and San Joaquin Water Company constructed a system of ditches along the Stanislaus River from Knights Ferry to Manteca called the "Tulloch system," spanning 47 miles. In 1909, local farmers established the South San Joaquin Irrigation District in an effort to obtain ownership in the Tulloch system. One year later, the district issued bonds to purchase half interest in the old Tulloch system, construct a diverting dam in Stanislaus River, and develop an extensive canal system within the district.

²⁷ Tidewater Southern Railway Historical Society, accessed October 16, 2021, <https://tidewatersouthernrailway.org/>.



The district serviced the surrounding communities of Escalon, Manteca, and Ripon, and sought to secure additional water resources and further develop the system. Early Manteca farmers grew melons from the sandy soils until the district diverted water from the Stanislaus River in 1914, which enabled crop diversity with almonds, walnuts, alfalfa, grapes, and pumpkins.”

By the early 1920s, irrigated agriculture far surpassed dry-farming as the most profitable method of agriculture in San Joaquin County, allowing smaller farms to produce a variety of high-yielding cash crops, including cotton, figs, sweet potatoes, tomatoes, and onions.²⁸ After WWII, the irrigation systems in the San Joaquin Valley were modernized with structural improvements, such as replacing wooden irrigation features with concrete. Today the irrigation systems throughout the San Joaquin Valley are critical to the growth and success of the agricultural community.

PROJECT AREA HISTORY

Prior to the construction of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape, the Project Area was situated within a 40-acre parcel (Lot 2 of Section 5 within Township 2 South, Range 9 East) within Public Land (Figure 10). According to the Bureau of Land Management (BLM) General Land Office (GLO), the 40-acre parcel was part of a 160-acre property granted to John Wheeler Jones in 1862 via the Scrip Warrant Act of 1855.²⁹ On an 1862 Index Map of San Joaquin County, the Project Area is located within land belonging to John Wheeler Jones (Figure 11 and Figure 12). John was born in 1821 in North Carolina. He married his first wife, Mary Anna Allen, in 1841 and had four children: Levi, Edna, Elizabeth, and Electus.³⁰ During John and his family’s migration to California in 1852, Mary died of cholera and was buried on the plains.³¹ In 1855, John moved to French Camp Road (present-day First Street in Escalon) and established a farm and expanded his land holdings. In 1857, John married his second wife, Catherine Dunlap, and they had six additional children: Lucinda, Emma, David, Alice, and James.^{32 33 34} In 1868, John built a two-story brick house along French Camp Road (Figure 13). After John died in 1893, his estate in Escalon, including Project Area, passed to his son James (Figure 14). The latter appears to have then divided the property, placing some of the lands in trust and selling other portions for the development of the town of Escalon.³⁵

²⁸ Impact Sciences Inc., “San Joaquin COG RTP/SCS Draft EIR”, March 2014.

²⁹ No author., “General Land Office Records.” Bureau of Land Management. October 14, 2021. <https://gloreCORDS.blm.gov/details/patent/default.aspx?accession=CACAAA%20098560&docClass=SER&sid=dor1frk1.mlz>.

³⁰ Ancestry.com. *California, U.S., Pioneer and Immigrant Files, 1790-1950*.

³¹ Ancestry.com. *An Illustrated history of San Joaquin County, California: containing a history of San Joaquin County from the earliest period*.

³² Newspaper.com, “Death of John Jones”, The Evening Mail, September 11, 1893.

³³ Ancestry.com. *California, U.S., Pioneer and Immigrant Files, 1790-1950*

³⁴ Ancestry.com. *An Illustrated history of San Joaquin County, California: containing a history of San Joaquin County from the earliest period*

³⁵Newspaper.com, “Death of John Jones”, The Evening Mail, September 11, 1893.



By 1911, the Project Area was part of an approximate 200-acre parcel belonging to A.B. Humphrey, Trustee (Figure 15). Anthony B. Humphrey was the husband of Mary Elizabeth Jones Humphrey, James' sister. Mary Elizabeth was deeded an 800-acre property by either John or James Wheeler, of which 200-acres was then transferred to a trust in the name of Anthony and Mary's children, Winfred (b. 1886) and Bessie Humphrey (b. 1885). Anthony was a well-known farmer in the San Joaquin Valley mainly due to his contributions to California's agriculture industry, including his work in irrigation and his use of a stakes and trellis system to keep grapevines off the ground. In 1894, one year after her father's death, Mary Elizabeth died.³⁶ Although neither Anthony, Mary Elizabeth, Winfred, or Bessie ever lived within the Property,³⁷ it appears that Anthony utilized the 800-acre property as part of what was known as the Humphrey Ranch, where he farmed Lady Finger grapes, olives, and alfalfa, and raised cattle, hogs, and horses (Figure 16).³⁸

The 200-acre property appears to have been solely owned by Bessie (Figure 17). Bessie married Fred E. Greene in 1906,³⁹ and they had three daughters, Betty, Phoebe, and Doris.⁴⁰ Bessie was a well-known astrologer and lectured at various clubs throughout Sacramento.⁴¹ In 1930, she transformed a portion of the Humphrey Ranch in Escalon into an orphanage; the exact location is unknown. It does not appear that Bessie ever lived within the property. In 1912, a portion of the land, including the Project Area, was sold to Oliver A. Fisk and Samuel Irwin, real estate developers. Oliver and Samuel then subdivided the land into six lots, and the Project Area became part of a 12-acre section known as Lot 6, in Block 2 (Figure 18).

By the 1920s, the 12-acre parcel was owned by Peter Powers.⁴² According to a 1930 *Modesto News-Herald* newspaper article, Peter was born in 1856 in Ireland. When he immigrated to the U.S., it was unknown that he was previously diagnosed as suicidal, maniac, hearing voices, violent, and paranoid.⁴³ Sometime in the late 1920s, Peter was admitted to the Stockton State Hospital, where he died in 1927.⁴⁴ Upon Peter's death, his ranch, including the Project Area, was sold to Samuel and Minerva Irwin.^{45 46}

When Samuel and Minerva owned the property, they lived in the nearby town of Dent, and appear to have purchased the property as an investment. Prior to owning the 12-acre property, Samuel owned and operated Irwin Lumber Company (Figure 19 and Figure 20),⁴⁷ and Minerva was a housewife. In 1930, Samuel was the

³⁶ Ancestry.com. *History of San Joaquin County, California*.

³⁷ Ancestry.com. *1910 United States Federal Census*.

³⁸ Newspaper.com, "Bit of History Bites the Dust", *The Escalon Times*, November 1, 1978.

³⁹ Ancestry.com. *California, U.S., County Birth, Marriage, and Death Records, 1849-1980*.

⁴⁰ Ancestry.com. *1920 United States Federal Census*.

⁴¹ Newspaper.com, No title, *The Sacramento Bee*, March 27, 1930.

⁴² Newspaper.com, "Several Ranches In Escalon Area Are Purchased", *Modesto News-Herald*, February 6, 1930.

⁴³ Ancestry.com. *California, U.S., State Hospital Records, 1856-1923* [

⁴⁴ Ancestry.com. *California, U.S., Death Index, 1905-1939*.

⁴⁵ Newspaper.com, No title, *Stockton Daily Independent*, June 8, 1929.

⁴⁶ Newspaper.com, "Death", *Stockton Independent*, December 23, 1927.

⁴⁷ Newspaper.com, "Elizabeth I. Buss", *The Escalon Times*, June 20, 1973.



president of the Escalon State Bank, and Minerva was a housewife. This same year Samuel and Minerva sold the property (Lot 6, Block 2) and adjacent lots 1 to 6 of block 1 and lots 1 to 5 of block 2 of the Fisk-Irwin Addition to Bruce and Anna Knepp.⁴⁸ Samuel died in 1937.⁴⁹ It is unknown when Minerva died.

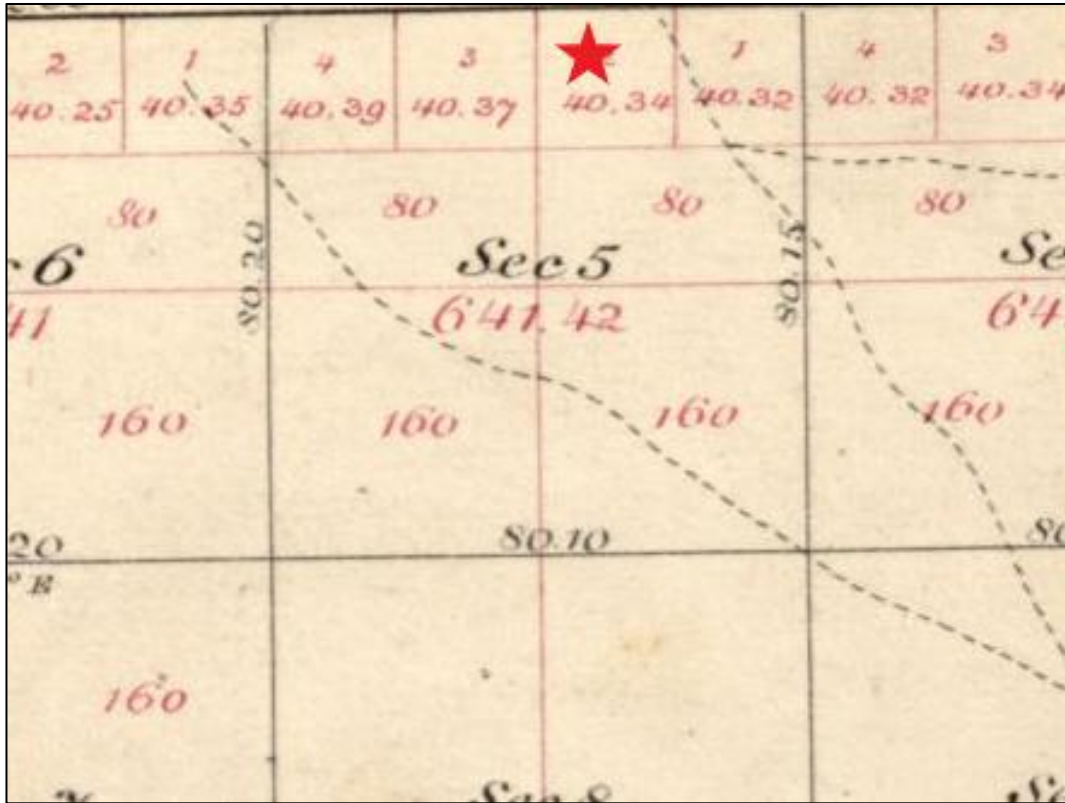


Figure 10. 1857 Plat map of Township 2 South, Range 9 East, with the approximate location of the Project Area.

⁴⁸ Newspaper.com, No title, Stockton Daily Independent, January 28, 1930.

⁴⁹ Ibid.

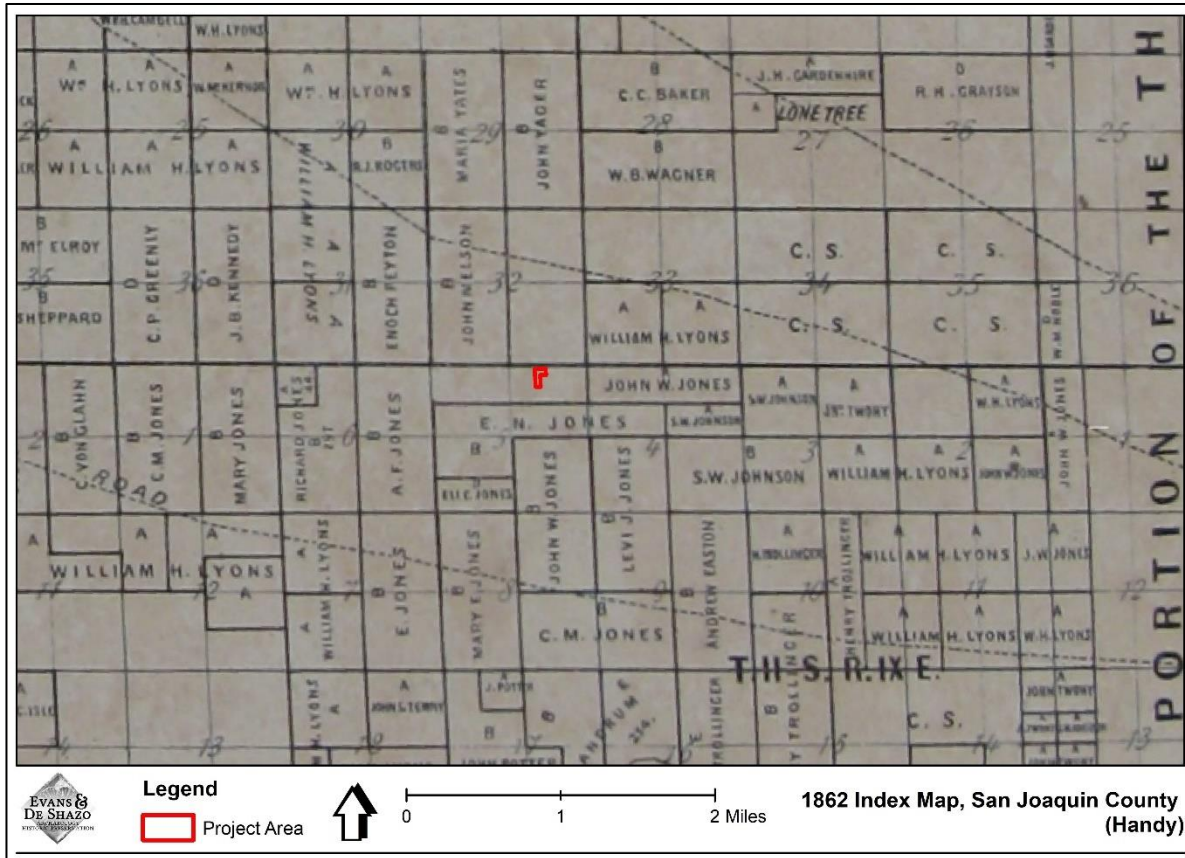


Figure 11. 1862 Index map showing the location of the Project Area within land owned by John Wheeler Jones.

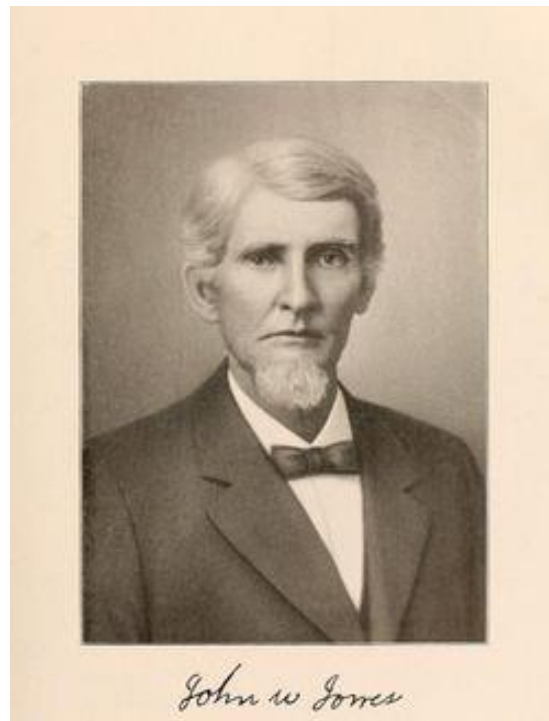


Figure 12. Portrait of John Wheeler Jones (courtesy of Calisphere.com).



Figure 13. John Wheeler Jones' 1867 two-story brick house (extant) along French Camp Road in Escalon (courtesy of Library of Congress).⁵⁰

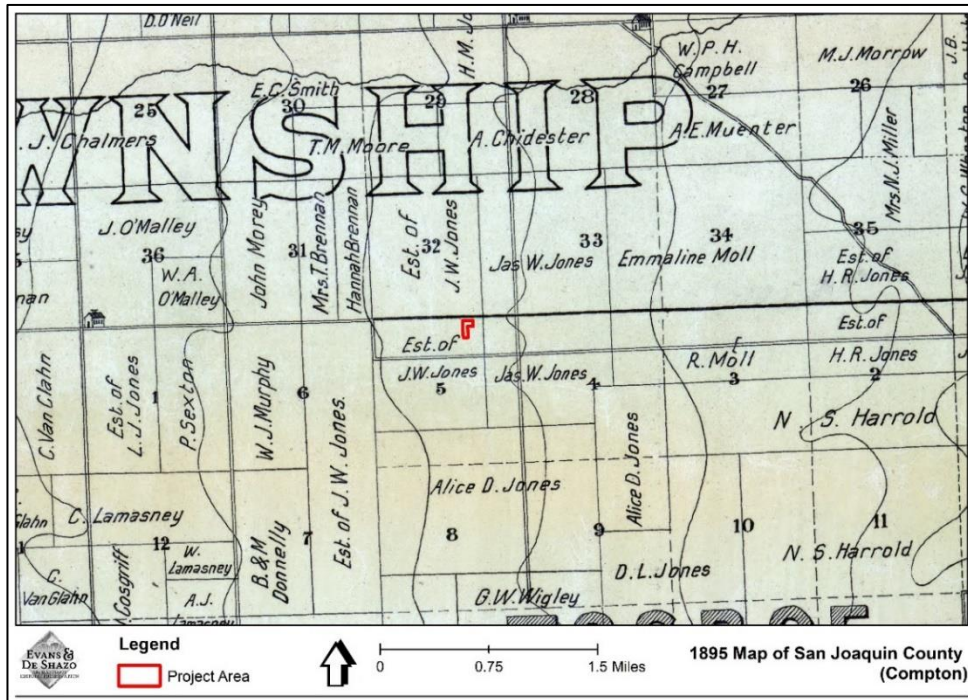


Figure 14. 1895 map of San Joaquin County (Compton) showing the location of the Project Area within the “Est. of J.W. Jones”.

⁵⁰ Historic American Buildings Survey, Creator. *Jones House, Escalon, San Joaquin County, CA*. California Escalon San Joaquin County, 1933. Documentation Compiled After. Photograph. <https://www.loc.gov/item/ca0756/>.

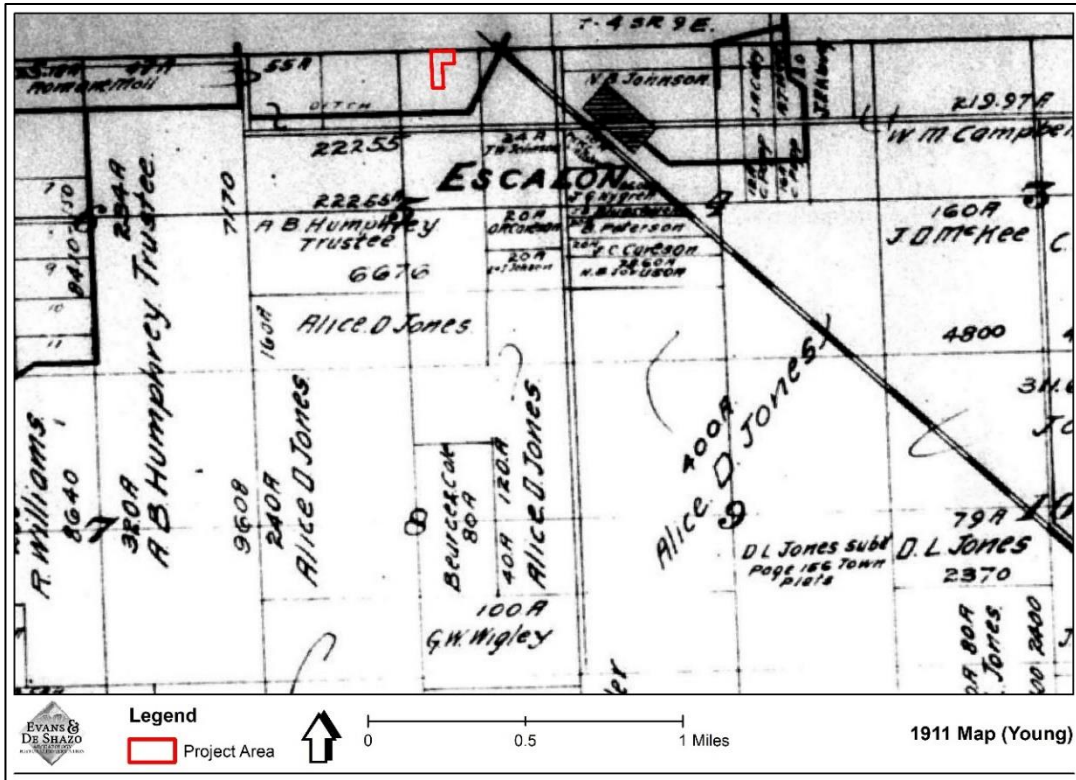


Figure 15. 1911 Chase Young map showing the location of the Project Area within A.B. Humphrey Trustee land.

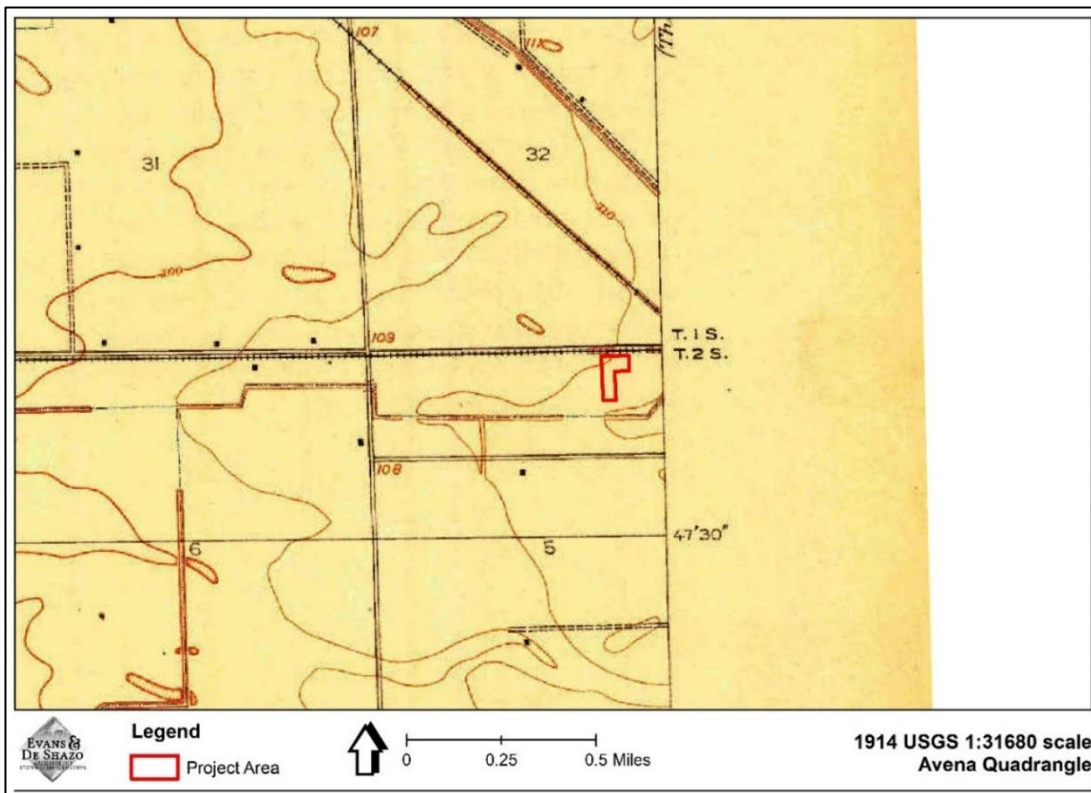


Figure 16. 1914 USGS Avena quadrangle map showing the location of the Project Area.



Figure 17. 1930 photograph of Bessie Greene published in the newspaper (The Stockton Daily, May 27, 1930).

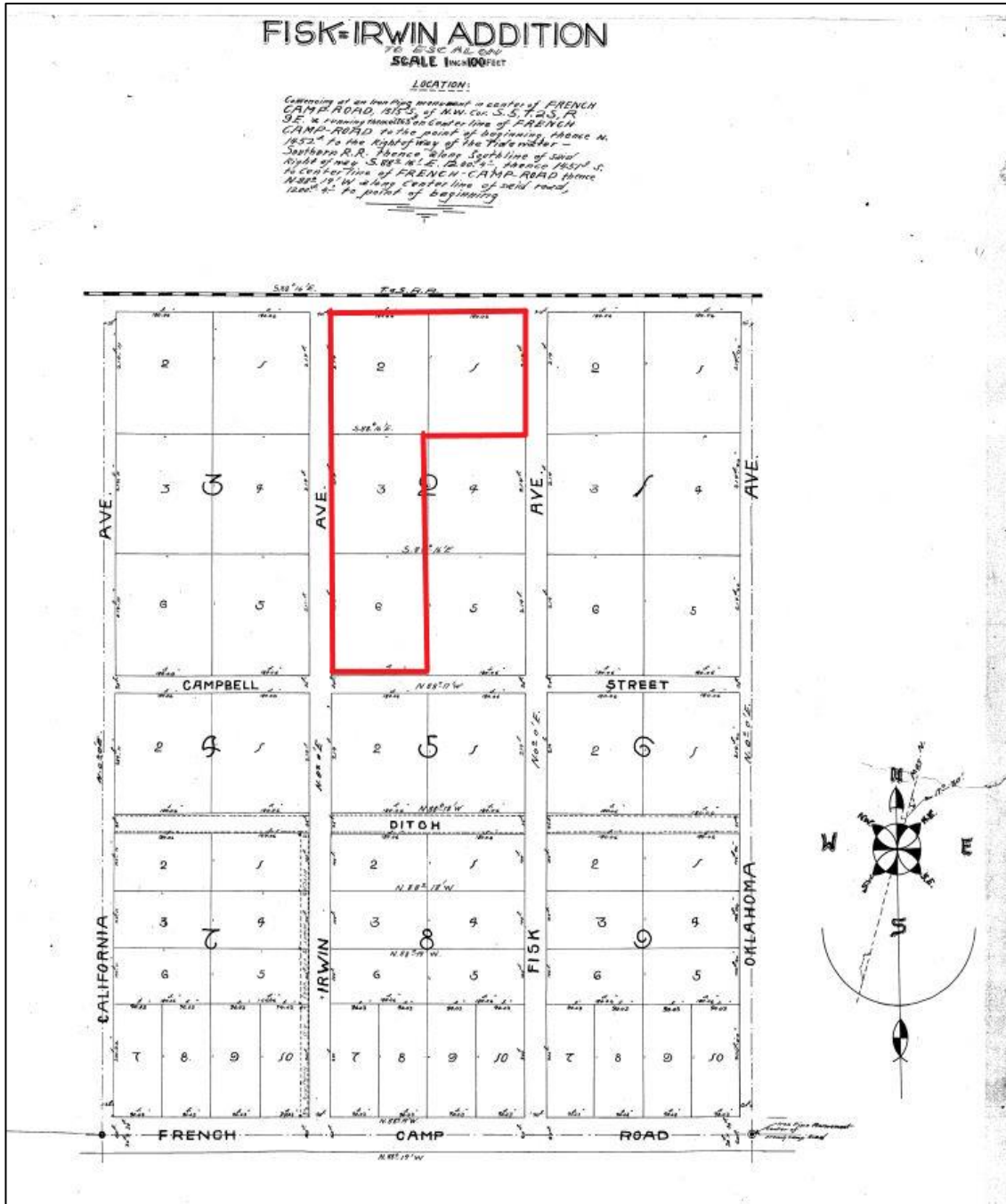


Figure 18. 1912 Fisk-Irwin Addition with the Project Area in red (courtesy of Laserfiche.com).



Figure 19. ca. 1912 photograph of the Irwin Lumber Company with S.J. Irwin (in white shirt leaning on a car).⁵¹



Figure 20. ca. 1904-1918 photograph of the Irwin Lumber Company (red arrow) (courtesy of California State Library).

⁵¹ Barbara Willis and the Escalon Historical Society, *Escalon*, Arcadia Publishing, 2008.



Table 1. Ownership and Occupancy History of the Project Area

Year	Owners/Occupants	Additional Details
ca. 1930-1959	Owners: Bruce and Anna Ruth Knepp	<p><u>Project Area</u></p> <ul style="list-style-type: none"> The first owners of the 3.17-acre Project Area were Bruce and Anna Ruth Knepp (Figure 21). During this time, the Property containing the ca. 1930 house, ca. 1930 detached garage, and ca. 1930 pumphouse was part of a larger parcel consisting of the entire Project Area, and the address was Route 1, Box 5 (Figure 22). In 1947, Bruce and Anna sub-divided the Project Area into two parcels, a 3.09-acre northern section that they sold to Clifford Geist; and Bruce and Ruth retained a 0.8-acre southern portion of the Project Area. Clifford Geist established the Escalon Livestock Auction Market (Escalon Sale Yard) within the parcel in 1947. During this time, the 3.17-acre Project Area was zoned for agriculture. Although the 3.09-acre northern section of the Project Area is currently vacant, in 1952, there were at least two buildings present (no longer extant) (Figure 23). <p><u>Property containing the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape</u></p> <ul style="list-style-type: none"> Bruce was born in 1898 in Nebraska, and Anna was born in 1901 in Iowa. Bruce and Anna Ruth were married (date unknown), and they had five children, John, Kenneth, Ronald, and Ruth. According to the 1930 Federal Census Record, Bruce was a farmer and Anna was a housewife.⁵² However, by 1940, Bruce was a “ditch tender”⁵³ (Figure 25).⁵⁴ During WWII, Bruce enlisted in the Army⁵⁵ and Anna was a housewife (Figure 24).⁵⁶ Bruce died in 1959⁵⁷ and Anna died in 1989.⁵⁸
1947 – 1949	Clifford Geist	
1959-1966	Owners: Dilbert and Leila Brooks	<ul style="list-style-type: none"> The subsequent known owners of the 0.8-acre Property are Delbert and Leila, who purchased the Property in 1959 for \$9,000 (Figure 26).^{59 60} On the 1963 aerial photo, the ca. 1930 house, ca. 1930

⁵² Ancestry.com. *1930 United States Federal Census*

⁵³ A ditch tender is a person who controls irrigation systems.

⁵⁴ Ancestry.com. *1940 United States Federal Census*

⁵⁵ Ancestry.com. *U.S., World War II Draft Cards Young Men, 1940-1947*

⁵⁶ Ancestry.com. *California, U.S., Voter Registrations, 1900-1968*

⁵⁷ Newspaper.com, “Bruce A. Knepp”, The Modesto Bee and News-Heald, February 2, 1959.

⁵⁸ Newspaper.com, “Ruth Knepp”, The Modesto Bee, March 30, 1989.

⁵⁹ Newspaper.com, “Do You Remember”, The Escalon Times, August 03, 1989.

⁶⁰ Called assessor’s office (bee on 10.12.2021)



		<p>pumphouse, ca. 1930 garage, and two other buildings (no longer extant) are visible within the Property (Figure 27).</p> <ul style="list-style-type: none"> • Delbert was born in 1925 in Oroville, California,⁶¹ and Leila was born in 1928 in Oakdale. Delbert and Leila married in 1948 in Oakdale, and they had four children, Nancy, Gearle, Michael, and William. When they were married, Dilbert was operating a dairy ranch in Chico, and Leila worked as a bookkeeper for Bank of America.⁶² • Sometime in the mid-1950s, Delbert and Leila moved to Stockton. During this time, Delbert worked as a machine operator for American Cannery, and Leila worked for Bank of American in Stockton and later the Central Valley National Bank in Escalon.^{63 64} • Leila and Delbert moved to Wyoming in the late 1960s after selling their Property to William and Katheryn in 1966. • Delbert died in 1995,⁶⁵ and Leila died in 2014.⁶⁶
1966-1979	Owners: William (Bill) and Katheryn Boersma	<ul style="list-style-type: none"> • In 1966, Katheryn and William purchased the 0.8-acre Property from Leila and Delbert.⁶⁷ • Katheryn and William moved to Escalon in 1949 and purchased the 3.09-acre northern portion of the Project Area and the Escalon Auction Sale Yard from Clifford Geist, which they owned when they bought the 0.8-acre Property from Leila and Delbert. Thus “rejoining” two properties that make up the Project Area. From 1966 to the present day, the two parcels that make up the Project Area were sold together. • William was born in 1918 in Iowa and Katheryn was born in 1920 in Iowa. William and Katheryn married in 1939 and they had three children, Marllys, Ardell, and Kerry.⁶⁸ • During Katheryn and William’s ownership of the Project Area, they likely demolished the two buildings within the northern section of the now vacant 3.09-acres portion (Figure 28). • During this time, William and Kathryn operated a restaurant from the Property, called Gidget’s Café, at 1308 Irwin Avenue (Figure 29) and lounge (no longer extant) within the northern portion of the Project Area.

⁶¹ Ancestry.com. 1940 United States Federal Census.

⁶² Newspaper.com, “Church Setting For Brooks-Tinnin Rites”, Oakdale Leader, May 27, 1948.

⁶³ Ancestry.com. U.S., City Directories, 1822-1995

⁶⁴ Newspaper.com, “Leila Juanne Brooks”, The Modesto Bee, June 03, 2014.

⁶⁵ Newspaper.com, “Delbert L. Brooks”, The Modesto Bee, April 12, 1995.

⁶⁶ Newspaper.com, “Leila Juanne Brooks”, The Modesto Bee, June 03, 2014.

⁶⁷ Newspaper.com, “Katheryn Josie Boersma”, The Modesto Bee, November 15, 2020.

⁶⁸ Ancestry.com. Iowa, U.S., Marriage Records, 1880-1951.



		<ul style="list-style-type: none"> • In 1974, William and Katheryn granted the city of Escalon 20 feet of frontage “on the north side of California Street, between Fisk and Irwin” to be used as a right-of-way to complete the construction of California Street, allowing access to newly built homes.^{69 70} • William was a member of the Calvary Reformed Church, and past board member of the Stockton Gospel Ministry and Bethany Home Convalescent Hospital. He died in 2002.⁷¹ • Katheryn was a member of the Bethany Board as well as the Women’s Ministries at Calvary Church. Katheryn died in 2002.⁷²
ca. 1979- 1984	Owner: Gordon and Lorraine Nicholson	<ul style="list-style-type: none"> • The next owner of the Project Area was Lorraine and Gordon Nicholson. • Gordon was born in 1936 in Los Angeles, and Lorraine was born in 1938 in Ceres.⁷³ Lorraine and Gordon married in 1956 in Stanislaus⁷⁴ and they had four children, Mark, Paul, John, and Rosie. • During the time that Gordon and Lorraine owned the Project Area, they also owned and operated several companies, including the Escalon Livestock Market (Figure 30), a dairy farm (Figure 31), Ripon Drapery Shop, Surprise’s Carpet Cleaning, and “Have Mop Will Travel” housecleaning service.^{75 76} • In 1981, Lorraine is listed as residing in Escalon and working for Arlene & Company Interior (Figure 32). It is unclear if Gordon and Lorraine lived within the ca. 1930 house,⁷⁷ as no information about Gordon’s residence was found. • Gordon died in 2003 in Australia.⁷⁸
ca. 1984-1992	Owners: Miguel A Machado	<ul style="list-style-type: none"> • The next owner of the Project Area and the Escalon Livestock Market business was Miguel A. Machado. • Miguel was born in 1957 in Dos Palos. His father was a well-known auctioneer, Tony B Machado, also known as “Big Daddy”. Miguel spent most of his childhood following his father at auction markets and traveling throughout the west to buy cattle before owning the

⁶⁹ Newspaper.com, “Deed”, The Escalon Times, June 19, 1974.

⁷⁰ Newspaper.com, “Planners Approve Subdivision Map, Storage Building”, The Escalon Time, March 3, 1971.

⁷¹ Newspaper.com, “William Boersma”, The Escalon Times, March 27, 2002.

⁷² Newspaper.com, “Katheryn Josie Boersma”, The Modesto Bee, November 15, 2020.

⁷³ Ancestry.com. *1940 United States Federal Census*.

⁷⁴ Ancestry.com. *California, U.S., Marriage Index, 1949-1959*

⁷⁵ Newspaper.com, “Livestock Auction is Lively Place on Wednesday”, The Escalon Times, April 11, 1979.

⁷⁶ Newspaper.com, “Lorraine Nicholson really into drapes”, The Escalon Times, January 14, 1981.

⁷⁷ Ancestry.com. *U.S., City Directories, 1822-1995*.

⁷⁸ Find A Grave, Gordon Maurice Nicolson, accessed October 14, 2021, <https://www.findagrave.com/memorial/140324752/gordon-maurice-nicholson>.



		<p>Escalon Livestock Market.⁷⁹Miguel was married to Adeline Machado, and they had two children, Michael and Tyler.</p> <ul style="list-style-type: none">• During the 1980s, Miguel appears to have resided within the ca. 1930 house at 706 California Street, while operating the Escalon Livestock Market within the Project Area.⁸⁰• When Miguel owned the Project Area and livestock business, he expanded the auction yard sale from approximately 40 head of cattle a week to 900 head of cattle a week. He also operated the yard three times a week instead of once a week, like the previous owners.⁸¹• By 1993, only the ca. 1930 house, ca. 1930 garage, ca. 1930 pumphouse, and one other building were present (Figure 33). Within the northern portion of the Project Area, one small building and a smaller possible barn/storage building were present at this time. These two buildings were demolished in 1992 or 1993 when Miguel sold the two parcels that make-up the Project Area and moved the Escalon Livestock Auction Market to its current location on Lone Tree Road.⁸²• Miguel died in 2018.
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⁷⁹ Find A Grave, Gordon Maurice Nicolson, accessed October 14, 2021, <https://www.findagrave.com/memorial/140324752/gordon-maurice-nicholson>.

⁸⁰ Newspaper.com, "Public Notice", The Escalon Times, September 13, 1995.

⁸¹ Newspaper.com, "Livestock Market is Machado tradition", The Escalon Times, January 1, 2003.

⁸² Ibid.



Figure 21. 1949 photo of Bruce Knepp (far left), Anna Ruth Knepp (center), and three of their sons (Ancestry.com).

Knepp, Bruce A, ditch tender, Rt 1 Box 5, Escalon	Rep
Knepp, Mrs Anna Ruth, hsewife, Rt 1 Box 5, Escalon	Rep

Figure 22. 1930 California Voter Register, showing the Route and Box number of the Project Area.

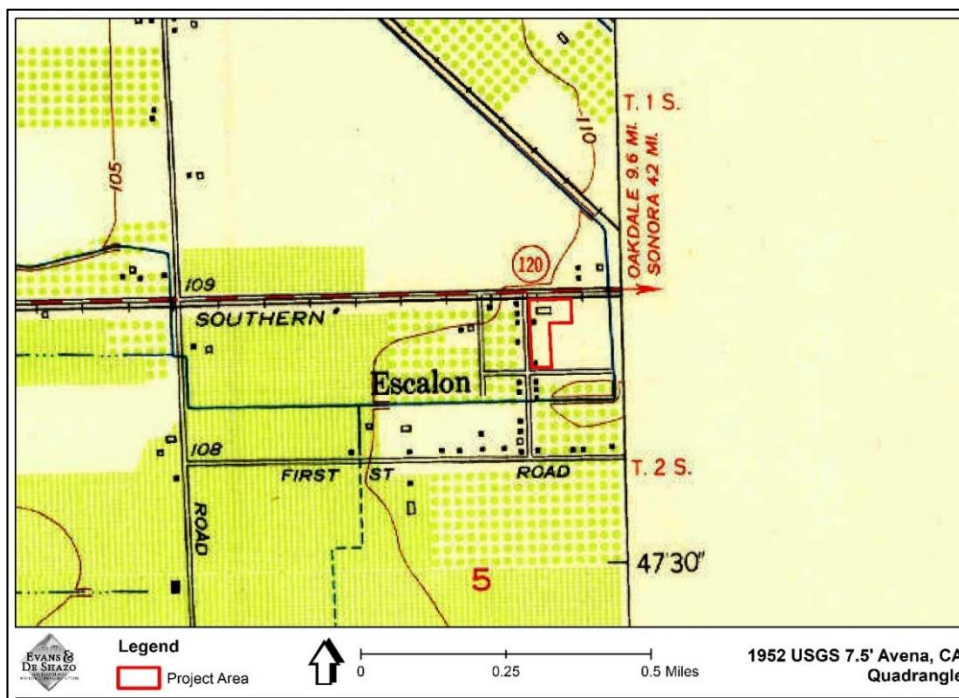


Figure 23. 1952 USGS 7.5' Avena quadrangle map showing the location of the Project Area.

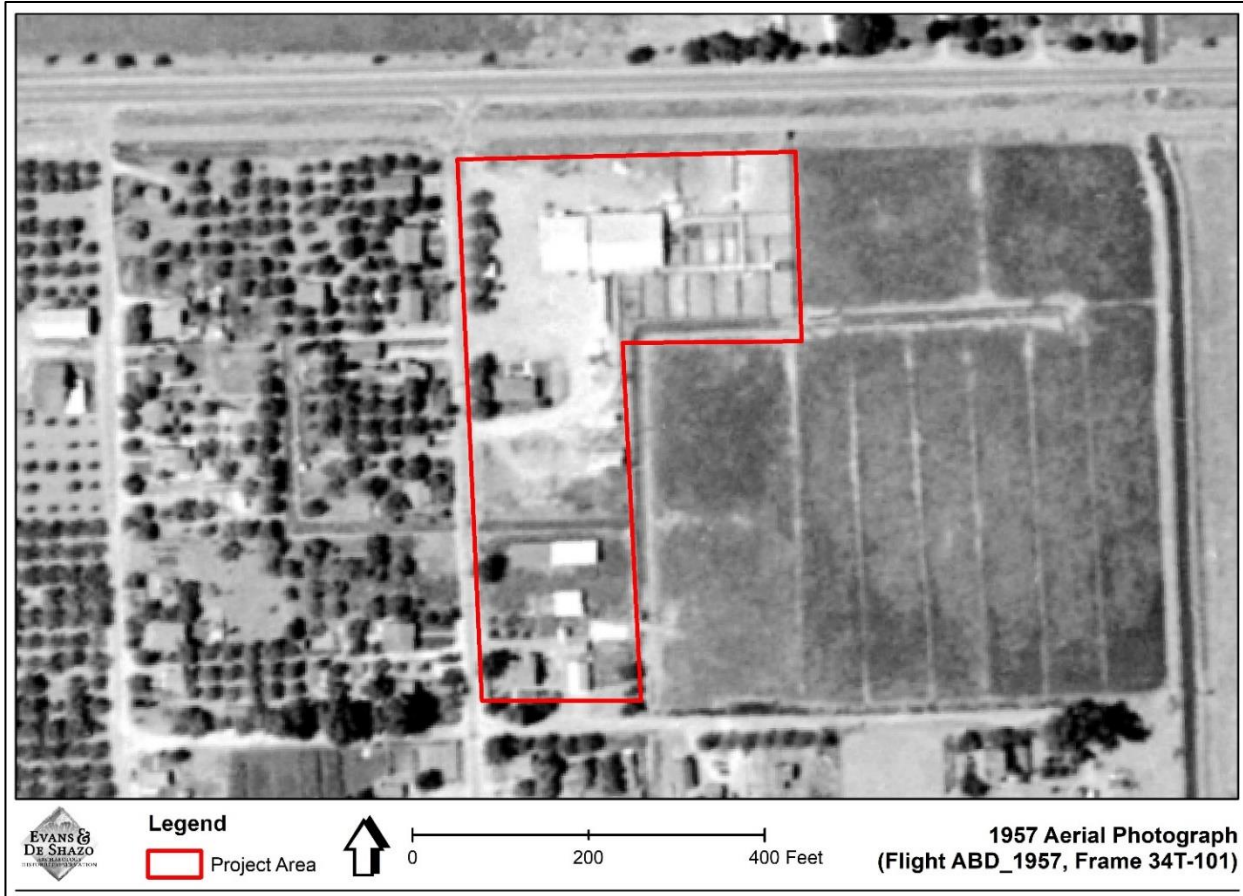


Figure 24. 1957 aerial photograph of the Project Area (courtesy of the University of Santa Barbara).

1957	11/50	Knapp, Bruce A.	head	6	M	20	12	M	8	2	Nebraska	61	same house	yes	yes	—	—	—	—	78	Delbert Brooks	Irwin	1922
		Anna R.	wife	1	F	20	17	M	8	5	Iowa	65	same house	yes	yes	yes	yes	H	5				
		Raymond W.	son	2	M	21	18	M	6	6	Nebraska	69	same house	yes	yes	yes	yes	21	7				
		John R.	son	2	M	21	16	M	10	10	Nebraska	69	same house	yes	yes	yes	yes	21	6				
		Kenneth B.	son	2	M	21	9	M	3	3	California	77	same house	yes	yes	yes	yes	8	6				
		Ronald D.	son	2	M	21	6	M	0	0	California	77	same house	yes	yes	yes	yes						
		Ruth E.	daughter	2	F	21	7	M	0	0	California	77	same house	yes	yes	yes	yes						
		Leila S.	mother	2	F	21	17	M	8	8	Nebraska	59	R	Harlan	Nebraska	69	2	Ne	Ne	Ne	H	5	

Figure 25. 1940 Federal Census record listing of Bruce and Ruth Knapp on Irwin Avenue.

Jo Anne Applequist attended music camp at the University of Colorado. Mr. and Mrs. Delbert Brooks of Stockton purchased the Escalon home of Bruce Knapp on Irwin.

Figure 26. 1989 article announcing Delbert and Leila purchase of the ca. 1930 house within the Project Area (Newspapers.com).

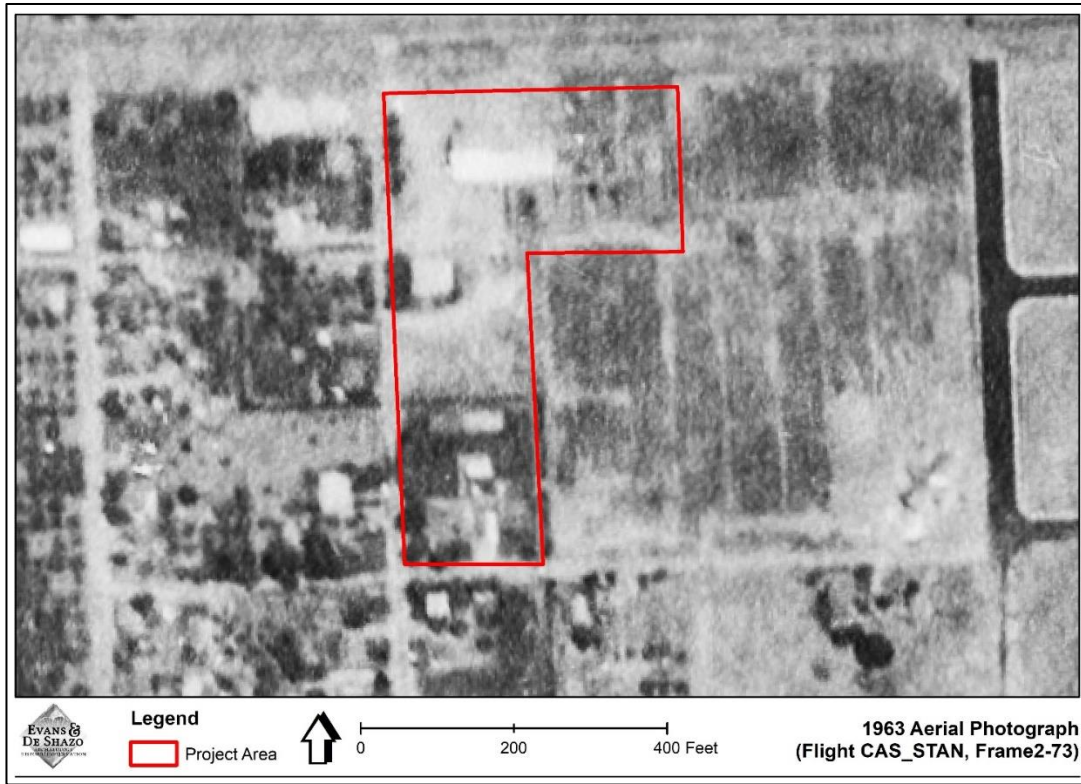


Figure 27. 1963 aerial photograph of the Project Area (courtesy of the University of Santa Barbara).

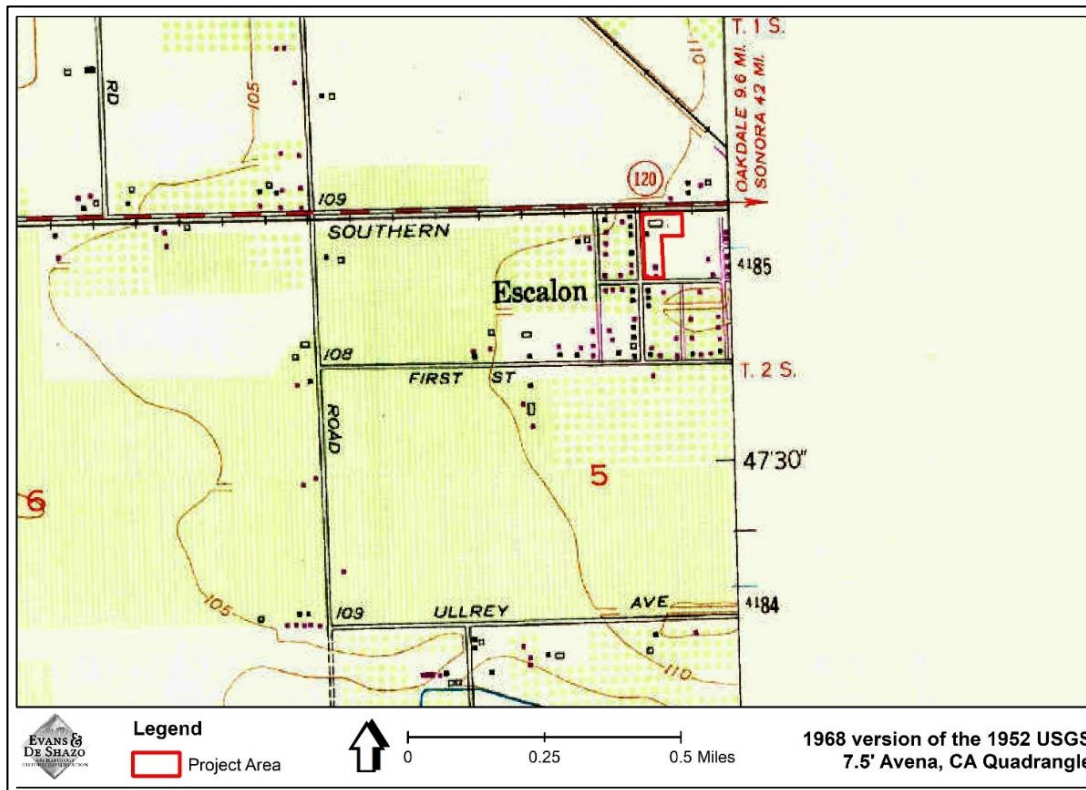


Figure 28. 1952 (edited 1968) USGS 7.5' Avena quadrangle showing the location of the Project Area.



Figure 29. 1977 advertisement of Gidgets Café inside the auction yard (The Escalon Time, December 14, 1977).



Figure 30. A photo of Gordon Nicholson (on the left) talking to William Boersma (on the right) during an auction sale (The Escalon Times, April 11, 1979).



Figure 31. Gordon Nicholson feeding his Jersey Cows at the family dairy farm in 1975.

Nicholson Brian emp Manteca Pool Serv rMoffet Blvd
Nicholson Grace B Mrs retd h213 Vera Av (R) 599-2741
Nicholson Lorraine (Arlene & Co Interiors) rEscalon CA
Nicholson Malma M Mrs bkpr Save Mart Inc h406 Willow Av
220 2870

Figure 32. 1981 Manteca City Directory listing Lorraine Nicholson's job and address as residing in Escalon.



Figure 33. 1993 aerial photograph of the Project Area (courtesy of the University of Santa Barbara).

ARCHITECTURAL STYLE

The ca. 1930 house is associated with Minimal Traditional architecture, briefly described in the section below.

MINIMAL TRADITIONAL STYLE (CA. 1930 – 1950)

During the Great Depression (1929-1933), the Federal Housing Authority (FHA) set limitations on the form and style of houses constructed using its Federal mortgage programs, and in a 1940 publication by the FHA, these guidelines were explicitly stated, including some design guidelines: “Simplicity in exterior design gives the small house the appearance of maximum size.”⁸³ The Minimal Traditional style emerged from this language as an understated interpretation of more eclectic Colonial and Period Revival styles that preceded it.⁸⁴ This simpler style flourished during this new era of prefabrication, as it could be easily mass-produced and utilized only basic decorative elements for aesthetics, such as window shutters, wood siding, and brick veneer.

The Minimal Traditional style borrowed forms from previously popular styles, and houses were often designed as small, one-story buildings with a side-gable or hipped roof with little to no overhang, multi-light

⁸³ McAlester, *A Field Guide to American Houses*, 588.

⁸⁴ *Ibid.*



double-hung windows, and very minimal architectural decoration.

Minimal Traditional is often characterized by the following elements:

- One story (occasionally two stories) in height
- One- to a two-car garage, either attached to or detached from the residence
- One-piece tilt-up wood garage door, often with simple geometric design in wood trim
- Stucco and various forms of wood siding, including lapped, shingle, and board-and-batten siding
- Occasionally includes brick veneer
- The modest character with stripped-down traditional architectural details, including faux shutters and bay windows with concave awnings
- Gabled or hipped roofs
- Shingled roofing material
- Occasionally scallop-edged canopies
- Modest porches with simple wood porch support elements
- Wood double-hung or steel casement sash windows

HISTORIC ARCHITECTURAL SURVEY

On September 28, 2021, EDS Principal Architectural Historian Stacey De Shazo, M.A., completed a historic architectural survey of the Project Area, including the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape. The following section documents the results of the survey.

CA. 1930 HOUSE

The ca. 1930 house is associated with Minimal Traditional architecture. The building is a single-story, L-shaped side and hipped gable form with a moderate pitch roof and wide eave overhang with exposed rafter tails. There is a roof dormer that is visible along the primary façade and a lower rear hipped gable addition at the northeast section of the building. The exterior is clad in a combination of narrow wood clapboard and v-notch horizontal wood boards and corner boards. The roof is clad in several layers of roofing material, including wood and asphalt shingles. The house rests on a concrete perimeter foundation.

South Elevation (primary façade)

The south elevation consists of an off-center front door set beneath an integrated and extending porch roof with exposed rafters (Figure 34). The south elevation consists of three windows, two double-hung wood windows that flank the front door, and one pair of double-hung wood windows, each covered in plywood. The windows consist of wide wood trim (Figure 35). The front entrance consists of a contemporary wood door with a modern metal screen door and a concrete stoop at the front door.



Figure 34. South elevation, facing northeast.



Figure 35. South elevation, facing east.



West Elevation

The west elevation consists of the rear side gable and hipped roof form. The west elevation is clad in original horizontal wood clapboard on the side gable form and narrow vertical wood boards on the hipped roof form (Figure 36). There is a brick chimney along the western slope of the roof. The original side-gable form also consists of remnants of painted roof eaves consisting of a painted wooden fascia board. The west elevation consists of one picture window and a series of windows, all of which are covered in plywood (Figure 37). The windows consist of wide wood trim. There is a flat roof porch awing attached to the rear hipped roof form, visible along the west elevation.



Figure 36. West elevation, facing southeast.



Figure 37. West elevation, showing the hipped gable form clad in vertical wood boards, facing east.

North Elevation

The north elevation consists of an original hipped gable form that extends near the northwest corner, and lower hipped gable addition along the northeast portion of the building (Figure 38). The original hipped gable form is clad in lapped wood siding and narrow horizontal wood boards. The gable consists of a “cut-out” barn-style door with a hinge and a wooden roof vent. The rear hipped gable addition consists of a rear entrance door topped a series of fixed transom lights and flanked by vertical wood panels. There is a contemporary rear entry door with a modern metal screen door. There is a wide opening covered in plywood, which may be the location of double entry doors or a sliding door. There is a flat roof patio porch that extends from below the rear gable of the hipped gable addition. The patio roof is clad in corrugated metal sheets and is supported by three 2”x4” square wooden posts set within a concrete patio floor. The lower hipped gable addition is clad in v-notched wood siding and consists of a metal gable vent with wood trim and a window (type and material unknown) with wide wood trim that is covered in plywood (Figure 39).



Figure 38. North elevation, facing west.



Figure 39. North elevation, showing the lower gable addition, facing south.



East Elevation

The east elevation consists of the original side-gable form and the lower rear addition (Figure 40). The east elevation is clad in v-notch wood siding. There is a metal roof vent with wood trim and three windows (type and material unknown) of varying sizes that are covered in plywood (Figure 41). Each of the window openings has wide wood trim. There is also evidence that the narrow rectangular window within the middle of the façade replaced a larger original vertical window.



Figure 40. East elevation, facing west.



Figure 41. East elevation, facing northwest.

CA. 1930 DETACHED GARAGE

The ca. 1930 detached garage is not associated with any architectural style. The building is a front gable rectangular form constructed of cinder block with a timber roof clad in corrugated sheet metal (Figure 42). The gable ends along the north and south elevations are clad in vertical wood boards, which appear original to the building. The original building likely had sliding barn doors along the primary façade (south elevation), but in the 1960s or 1970s, the barn doors were replaced with hinged wood double-doors. There are two identical window openings on the building, one along the west elevation and one on the east elevation, each consisting of simple wood casing with metal vents that are covered from the interior in plywood. The north elevation consists of a single-entry door that is covered in plywood (Figure 43). The building rests concrete slab foundation.



Figure 42. Photograph showing the primary façade (south elevation) of the ca. 1930 detached garage, facing north.



Figure 43. North elevation, facing south.



CA. 1930 PUMPHOUSE

The ca. 1930 pumphouse is not associated with any architectural style. The building is a front gable rectangular form constructed of concrete blocks with a timber roof clad in corrugated sheet metal (Figure 44). The fenestration includes two windows (type and material unknown) and one door (type and material unknown). There is a ridge vent along the roof's ridgeline (Figure 45) and the building is wired for electricity. The building appears to rest on a concrete slab foundation.



Figure 44. South and east elevations, facing northwest.



Figure 45. East elevation, facing west.

ASSOCIATED LANDSCAPE

The associated landscape within the Project Area consists of at least two concrete slab foundations, grasses, and approximately two fruit trees, including one walnut tree and one almond, which appear to be orchard remnants (Figure 46).



Figure 46. Photograph showing the concrete slab foundations and Almond tree (facing east).

EVALUATION FOR HISTORICAL SIGNIFICANCE

The 3.17-acre Project Area includes a ca. 1930 house, ca. 1930 detached garage, and ca. 1930 pumphouse within a 0.8-acre Property, and the associated landscape, which were evaluated as a single resource to determine individual eligibility for listing on the NRHP. The ca. 1930 house was evaluated for its association with Minimal Traditional architecture with a period of significance of 1930, which is the estimated year the house was constructed. The ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape are not associated with any architectural style or landscape design.

NATIONAL REGISTER OF HISTORIC PLACES

The NRHP is the official list of the Nation's historic places worthy of preservation. Authorized by the NHPA of 1966, the NRHP is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect America's historic and archeological resources. To be considered eligible, a property must meet one or more of the NRHP criteria for significance and must retain the necessary aspects of integrity needed to convey significance under the criterion for which it is eligible.

To qualify for listing on the NRHP, a district, site, building, structure, or object must possess significance under one of the four criteria and have historic integrity. The process of determining integrity consists of evaluating seven variables or aspects that include location, design, setting, materials, workmanship, feeling and association. According to the *National Register Bulletin: How to Apply the National Register Criteria for Evaluation*, these seven characteristics are defined as follows:

- **Location** is the place where the historic property was constructed.



- **Design** is the combination of elements that create the form, plans, space, structure, and style of the property.
- **Setting** addresses the physical environment of the historic property, inclusive of the landscape and spatial relationships of the building(s).
- **Materials** refer to the physical elements that were combined or deposited during a particular period of time and in a particular pattern of configuration to form the historic property.
- **Workmanship** is the physical evidence of the crafts of a particular culture or people during any given period in history.
- **Feeling** is the property's expression of the aesthetic or historic sense of a particular period of time.
- **Association** is the direct link between an important historic event or person and a historic property.

The following section examines the eligibility of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape, at least 50 years of age, within the 3.17-Project Area (Direct APE) for listing on the NRHP.

NRHP EVALUATION

A. (Event): Is associated with events that have made a significant contribution to the broad patterns of our history.

The resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape appear to be associated with an event related to the construction of the South San Joaquin Irrigation District in 1914, which allowed for the irrigation of smaller parcels of land and the farming of fruit and nut tree orchards and vineyards, such as those once part of the associated landscape. However, the resource no longer consists of any planted fruit or nut tree orchards or vineyards in patterns or rows; therefore, the resource does not have the ability to convey significance under this event and was not found to be associated with any other event that made a significant contribution to local, state, or National history.

Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion A.

B. (Person): That are associated with the lives of significant persons in our past.

The ownership and occupancy history of the Project Area containing the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was thoroughly researched, and it does not appear that the resource is associated with a person or organization that is important to local, California, or national history.

Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion B.

C. (Construction/Architecture): That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent



a significant and distinguishable entity whose components may lack individual distinction.

Minimal Traditional

The ca. 1930 house is associated with Minimal Traditional architectural style. However, the ca. 1930 house is not representative of Minimal Traditional architecture style, is not the first to be designed within this style, and is not the work of a master, nor does it possess high artistic values.

The ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape are not associated with any architectural style, form, or landscape architecture.

Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion C.

D. (Information potential): Has yielded, or may be likely to yield, information important in prehistory or history.

Criterion D most commonly applies to resources that contain or are likely to contain information bearing on an important archaeological research question. While most often applied to archaeological sites, Criterion D can also apply to buildings that contain important information. For a building to be eligible under Criterion D, it must be a principal source of important information, such as exhibiting a local variation on a standard design or construction technique can be eligible if a study can yield important information, such as how local availability of materials or construction expertise affected the evolution of local building development.

The ca. 1930 house is associated with Minimal Traditional style; however, it does not appear to be the principal source of information for design techniques that can yield important information. The ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape are not associated with any architectural style, form, or landscape architecture. Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion D.

INTEGRITY

For a property to qualify for listing in the CRHR, it must possess significance under one or more of the above-listed criteria and have historic integrity. There are seven variables, or aspects, which are used to judge historic integrity, including location, design, setting, materials, workmanship, feeling, and association.⁸⁵ A resource must possess the aspects of integrity related to the historical theme(s) and period of significance identified for the built-environment resources. National Register Bulletin 15 explains, “only after significance is fully established can you proceed to the issue of integrity.”

The resource consisting of the ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for the NRHP under any criterion. As such, an integrity analysis was not completed.

⁸⁵ National Park Service, *National Register Bulletin: How to Apply the National Register Criteria for Evaluation* (Washington, D.C.: United States Department of the Interior, 1997).



CONCLUSIONS

In accordance with NEPA and Section 106 of the NHPA regulations and guidelines, EDS completed an HRE of the built environment resources, at least 50 years in age, within the 3.17-acre Project Area (Direct APE), including the ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape. The Project Area consists of two adjacent parcels, including the 0.8-acre Property at 706 California Street, Escalon, San Joaquin County, California, within APN 225-070-320 where the built environment resources are located, and an adjacent 3.09-acre vacant parcel, within APN 225-070-032 that is part of the associated landscape.

The HRE was completed to determine if the built environment resource within the Direct APE, including the ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape, is eligible for individual listing on the NRHP and if the proposed Irwin Village Project would have a direct effect on built environment historic properties. The HRE included extensive research and a historic architectural survey conducted by EDS Principal Architectural Historian Stacey De Shazo, M.A., who exceeds the Secretary of the Interior's Professional Qualification Standards in Architectural History and History, and Cultural Resource Specialist, Bee Thao, M.A.

The HRE found that the resource consisting of the ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape is not eligible for listing in the NRHP; therefore, the resource is not considered to be a historic property in accordance with Section 106 of the NHPA. Based on the results of the HRE, EDS recommends a finding of "no built environment historic properties affected." As such, no Project-specific recommendations are warranted.



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Appendix A:

DPR Forms

State of California The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code

Other Listings: _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 13 *Resource Name or #: 706 California Street

P1. Other Identifier: _____

*P2. Location: Not for Publication Unrestricted

*a. County San Joaquin and

*b. USGS 7.5' Quad Avena Date 1994 T 2S ; R 9E ; of of Sec 5 ; MD B.M.

c. Address 706 California Street City Escalon Zip 95320

d. UTM: Zone 10, 675766 mE/ 4185145 mN

e. Other Locational Data: The resource is located within Accessor's Parcel Numbers (APNs) 225-070-32 and 225-070-020 that total 3.17-acres. The resource is situated on the northeast corner of California Street and Irwin Avenue within the city of Escalon, approximately 0.1 miles south of Yosemite Avenue (aka Highway 120) and about 0.6 miles west of downtown Escalon.

*P3a. Description: The resource includes a ca. 1930 house, ca. 1930 pumphouse, ca. 1930 garage, and associated landscape. The ca. 1930 house is associated with Minimal Traditional architecture. The ca. 1930 pumphouse, ca. 1930 garage, and associate landscape are not associated with any architectural style or planned architectural landscape. (Continued on Continuation Sheet, Page 2)

P5a. Photograph or Drawing



*P3b. Resource Attributes: HP2.
Single family property (ca. 1930 house); HP4.
Ancillary building (ca. 1930 pumphouse and
ca. 1930 garage)

*P4. Resources Present:
Building Structure Object Site
District Element of District Other
(Isolates, etc.)

P5b. Description of Photo ca. 1930 house,
facing northwest

*P6. Date Constructed/Age and
Source: Historic Prehistoric
Both ca. 1930 house, ca. 1930 pumphouse,
ca. 1930 garage, and associated landscape

*P7. Owner and Address:
Name withheld by Owner

*P8. Recorded by: Stacey De Shazo,
M.A.; Evans & De Shazo, Inc., 1141
Gravenstein Highway S, Sebastopol, CA
95472

*P9. Date Recorded: 09/28/2021

*P10. Survey Type: Intensive

*P11. Report Citation: Stacey De Shazo, M.A. and Bee Thao M.A. (2021): A Historic Resource Evaluation of the Property Located
at 706 California Street, Escalon, San Joaquin County, California.

*Attachments: NONE Location Map Continuation Sheet Building, Structure, and Object Record
 Archaeological Record District Record Linear Feature Record Milling Station Record Rock Art Record
 Artifact Record Photograph Record Other (List): _____

CONTINUATION SHEET

Property Name: 706 California Street

Page 2 of 13

(Continue from Primary Record, Page 1)

The building is a single-story, L-shaped side and hipped gable form with a moderate pitch roof and wide eave overhang with exposed rafter tails. There is a roof dormer that is visible along the primary façade and a lower rear hipped gable addition at the northeast section of the building. The exterior is clad in a combination of narrow wood clapboard and v-notch horizontal wood boards and corner boards. The roof is clad in several layers of roofing material, including wood and asphalt shingles. The house rests on a concrete perimeter foundation.

South Elevation (primary façade)

The south elevation consists of an off-center front door set beneath an integrated and extending porch roof with exposed rafters (**Figure 1**~~Error! Reference source not found.~~). The south elevation consists of three windows, including two double-hung wood windows that flank the front door, and one pair of double-hung wood windows, each covered in plywood. The windows consist of wide wood trim (**Figure 2**). The front entrance consists of a contemporary wood door with a modern metal screen door and a concrete stoop at the front door.



Figure 1. South elevation, facing northeast.

CONTINUATION SHEET

Property Name: 706 California Street

Page 3 of 13



Figure 2. South elevation, facing east.

West Elevation

The west elevation consists of the rear side gable and hipped roof form. The west elevation is clad in original horizontal wood clapboard on the side gable form and narrow vertical wood boards on the hipped roof form (**Figure 3**). There is a brick chimney along the western slope of the roof. The original side-gable form also consists of remnants of painted roof eaves consisting of a painted wooden fascia board. The west elevation consists of one picture window and a series of windows, all of which are covered in plywood (**Figure 4**). The windows consist of wide wood trim. There is a flat roof porch awing attached to the rear hipped roof form, visible along the west elevation.

CONTINUATION SHEET

Property Name: 706 California Street

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Figure 3. West elevation, facing southeast.



Figure 4. West elevation, showing the hipped gable form clad in vertical wood boards, facing east.

CONTINUATION SHEET

Property Name: 706 California Street

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North Elevation

The north elevation consists of an original hipped gable form that extends near the northwest corner, and lower hipped gable addition along the northeast portion of the building (**Figure 5**). The original hipped gable form is clad in lapped wood siding and narrow horizontal wood boards. The gable consists of a “cut-out” barn-style door with a hinge and a wooden roof vent. The rear hipped gable addition consists of a rear entrance door topped a series of fixed transom lights and flanked by vertical wood panels. There is a contemporary rear entry door with a modern metal screen door. There is a wide opening covered in plywood, which may be the location of double entry doors or a sliding door. There is a flat roof patio porch that extends from below the rear gable of the hipped gable addition. The patio roof is clad in corrugated metal sheets and is supported by three 2”x4” square wooden posts set within a concrete patio floor. The lower hipped gable addition is clad in v-notched wood siding and consists of a metal gable vent with wood trim and a window (type and material unknown) with wide wood trim that is covered in plywood (**Figure 6**).



Figure 5. North elevation, facing west.

CONTINUATION SHEET

Property Name: 706 California Street

Page 6 of 13



Figure 6. North elevation, showing the lower gable addition, facing south.

East Elevation

The east elevation consists of the original side-gable form and the lower rear addition (**Figure 7**). The east elevation is clad in v-notch wood siding. There is a metal roof vent with wood trim and three windows (type and material unknown) of varying sizes that are covered in plywood (**Figure 8**). Each of the window openings has wide wood trim. There is also evidence that the narrow rectangular window within the middle of the façade replaced a larger original vertical window.

CONTINUATION SHEET

Property Name: 706 California Street

Page 7 of 13



Figure 7. East elevation, facing west.



Figure 8. East elevation, facing northwest.

CONTINUATION SHEET

Property Name: 706 California Street

Page 8 of 13

CA. 1930 DETACHED GARAGE

The ca. 1930 detached garage is not associated with any architectural style. The building is a front gable rectangular form constructed of cinder block with a timber roof clad in corrugated sheet metal (**Figure 9**). The gable ends along the north and south elevations are clad in vertical wood boards, which appear original to the building. The original building likely had sliding barn doors along the primary façade (south elevation), but in the 1960s or 1970s, the barn doors were replaced with hinged wood double-doors. There are two identical window openings on the building, one along the west elevation and one on the east elevation, each consisting of simple wood casing with metal vents that are covered from the interior in plywood. The north elevation consists of a single-entry door that is covered in plywood (**Figure 10**). The building rest concrete slab foundation.



Figure 9. Photograph showing the primary façade (south elevation) of the ca. 1930 detached garage, facing north.

CONTINUATION SHEET

Property Name: 706 California Street

Page 9 of 13



Figure 10. North elevation, facing south.

CA. 1930 PUMPHOUSE

The ca. 1930 pumphouse is not associated with any architectural style. The building is a front gable rectangular form constructed of concrete blocks with a timber roof clad in corrugated sheet metal (Figure 11). The fenestration includes two windows (type and material unknown) and one door (type and material unknown). There is a ridge vent along the roof's ridgeline (Figure 12) and the building is wired for electricity. The building appears to rest on a concrete slab foundation.

CONTINUATION SHEET

Property Name: 706 California Street

Page 10 of 13



Figure 11. South and east elevations, facing northwest.



Figure 12. East elevation, facing west.

CONTINUATION SHEET

Property Name: 706 California Street

Page 11 of 13

ASSOCIATED LANDSCAPE

The associated landscape consists of at least two concrete slab foundations, grasses, and approximately two fruit trees, including one walnut tree and one almond tree, which appear to be orchard remnants (Figure 13).



Figure 13. Photograph showing the concrete slab foundations and walnut tree (facing east).

NATIONAL REGISTER OF HISTORIC PLACES (NRHP) EVALUATION

A. (Event): Is associated with events that have made a significant contribution to the broad patterns of our history.

The resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape appear to be associated with an event related to the construction of the South San Joaquin Irrigation District in 1914, which allowed for the irrigation of smaller parcels of land and the farming of fruit and nut tree orchards and vineyards, such as those once part of the associated landscape. However, the resource no longer consists of any planted fruit or nut tree orchards or vineyards in patterns or rows; therefore, the resource does not have the ability to convey significance under this event and was not found to be associated with any other event that made a significant contribution to local, state, or National history.

Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion A.

CONTINUATION SHEET

Property Name: 706 California Street

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B. (Person): That are associated with the lives of significant persons in our past.

The ownership and occupancy history of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was thoroughly researched, and it does not appear that the resource is associated with a person or organization that is important to local, California, or national history.

Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion B.

C. (Construction/Architecture): That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Minimal Traditional

The ca. 1930 house is associated with Minimal Traditional architectural style. However, the ca. 1930 house is not representative of Minimal Traditional architecture style, is not the first to be designed within this style, and is not the work of a master, nor does it possess high artistic values.

The ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape are not associated with any architectural style, form, or landscape architecture.

Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion C.

D. (Information potential): Has yielded, or may be likely to yield, information important in prehistory or history.

Criterion D most commonly applies to resources that contain or are likely to contain information bearing on an important archaeological research question. While most often applied to archaeological sites, Criterion D can also apply to buildings that contain important information. For a building to be eligible under Criterion D, it must be a principal source of important information, such as exhibiting a local variation on a standard design or construction technique can be eligible if a study can yield important information, such as how local availability of materials or construction expertise affected the evolution of local building development.

The ca. 1930 house is associated with Minimal Traditional style; however, it does not appear to be the principal source of information for design techniques that can yield important information. The ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape are not associated with any architectural style, form, or landscape architecture. Therefore, the resource consisting of the ca. 1930 house, ca. 1930 detached garage, ca. 1930 pumphouse, and associated landscape was not found to be eligible for listing on the NRHP under Criterion D.



Resource Location Map

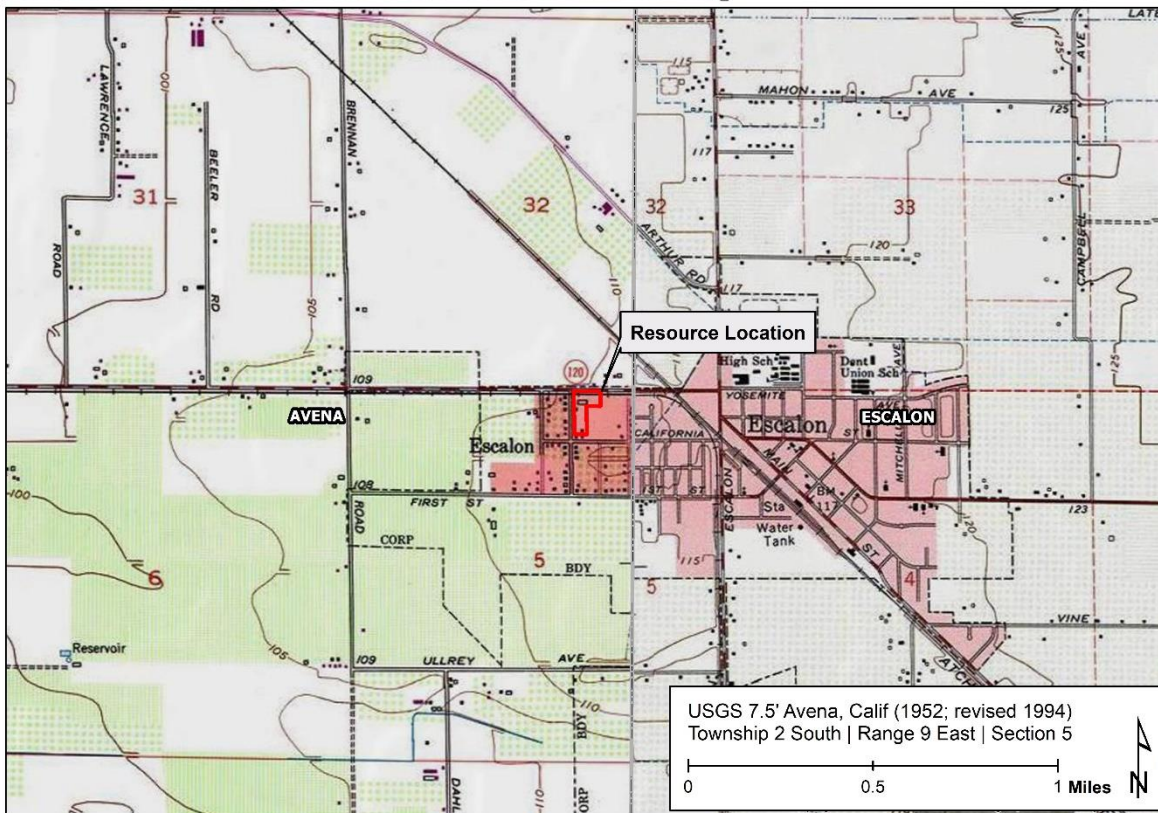
ca. 1930 House, ca. 1930 Detached Garage, ca. 1930 Pumphouse, and Associated Landscape
 706 California Street, Escalon
 San Joaquin County, California
 (APNs 225-070-020 and 225-070-032)

LEGEND

- Resource Area
- Buildings
- Subject Parcels

Map by: Sally Evans, 10/19/2021

San Joaquin County



APPENDIX D
ENVIRONMENTAL SITE ASSESSMENTS

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
REPORT**

**IRWIN VILLAGE APARTMENTS
APNs 225-070-200 and 225-070-320**

**1310 IRWIN AVENUE and 706 CALIFORNIA STREET
ESCALON, SAN JOAQUIN COUNTY, CALIFORNIA**

Prepared for
**Housing Authority of the County of San Joaquin
2575 Grand Canal Blvd
Stockton, CA 95207
(209) 460-5042**

Prepared by
**Condor Earth
188 Frank West Circle, Suite I
Stockton, CA 95206
(209) 234-0518**

**August 12, 2021
Condor Project No. 8603**

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
IRWIN VILLAGE APARTMENTS
APNs 225-070-200 and 225-070-320
1310 IRWIN AVENUE and 706 CALIFORNIA STREET
ESCALON, SAN JOAQUIN COUNTY, CALIFORNIA

EXECUTIVE SUMMARY

August 12, 2021

This ASTM E 1527-13 Phase I Environmental Site Assessment (ESA) was performed by Condor Earth (Condor) at the request of the Housing Authority of the County of San Joaquin (Client). The assessment was performed on Assessor's Parcel Numbers (APN) 225-070-200 and 225-070-320 (Site), totaling approximately 3.17 acres. The Site is located at 1310 Irwin Avenue and 706 California Street located in Escalon, San Joaquin County, California (Figures 1 through 3, **Appendix A**).

The 3.17-acre Site is comprised of a single-family residence and associated out-buildings on the southern Site parcel and vacant land on the northern Site parcel. The Site was developed for rural residential and agricultural use from the early 20th Century until sometime before 1950. By 1950, the northern Site parcel (225-070-200) was developed for livestock use until the early 1990s. The southern Site parcel (APN 225-070-320) had buildings dating from approximately 1937 which were replaced by the 1950s. The northern Site parcel residence appears to have been removed by the early 1990s and the large building associated with the former stockyard appears to be fully removed by the mid-2000s.

Condor identified several recognized environmental conditions associated with the Site:

1. The use of the property for agricultural purposes for more than 50 years. Both arsenic and OCPs are persistent bio accumulative toxic substances and may be present at elevated concentrations in Site soil.
2. The use of the property for livestock purposes. Potential use of acaricides to treat livestock may be present at elevated concentrations in the soil.
3. The construction of the structures prior to the 1970s. Painted wood structures pre-dating the 1970s were likely painted with lead-based paint, and lead may be elevated in soil around the building perimeters. Soil around the former building perimeters is also likely to contain chlorinated pesticides from termiticide application.
4. The vent line and possible fill pipe located on the west side of the residence suggests the presence of a buried heating oil tank beneath or near the residence.

It is Condor's opinion that any existing well and demolition debris found on the Site constitute a *de minimis condition(s)* pursuant to the ASTM standard. Any remaining well should be properly abandoned under permit if not intended for future use.

Condor recommends a Phase II ESA be performed to include collection of soil samples from around the previous buildings and agricultural areas, with laboratory analyses to determine the concentrations and extent of residual pesticides, arsenic, and lead, as well as further investigation of the presence of a heating oil tank beneath or near the residence.

LIMITATIONS TO EXECUTIVE SUMMARY

This executive summary should only be read in conjunction with the full report text. Terminology is defined in the Glossary of Terms and Acronyms in **Appendix G**. The scope of work, significant assumptions, limitations, and exceptions should be understood prior to reading the Site-specific information, findings, opinions, and conclusions.



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**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
IRWIN VILLAGE APARTMENTS
APNs 225-070-200 and 225-070-320
1310 IRWIN AVENUE and 706 CALIFORNIA STREET
ESCALON, SAN JOAQUIN COUNTY, CALIFORNIA**

June 10, 2021

1.0 INTRODUCTION

The Housing Authority of the County of San Joaquin (Client) retained Condor Earth (Condor) to conduct a Phase I Environmental Site Assessment (ESA) for Assessor's Parcel Numbers (APNs) 225-070-200 and 225-070-320 (referred to hereinafter as "Site"), totaling approximately 3.17 acres. The Site is located at 1310 Irwin Avenue and 706 California Street in Escalon, San Joaquin County, California (Figures 1 through 3, **Appendix A**). The Site is being considered for residential apartment construction.

The Phase I ESA was performed in accordance with the guidelines set forth in Practice E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, published November 2013 by the American Society for Testing and Materials (ASTM) and in accordance with the prevailing standard of care for completing such assessments in California at this time. Included is a discussion of the purpose for the work, a description of the Site and adjacent properties, a discussion of the information gathered from records, interviews, and Site visits, and Condors findings and conclusions. Figures referenced in the report are included with the appendices. Photographs of the Site are located in **Appendix B**. The results of researched ASTM-recommended government databases [Environmental Data Resources, Inc. (EDR™) Radius Map with GeoCheck®] are contained in **Appendix C**. Historical topographic maps, aerial photographs, Sanborn fire insurance maps, and city directories information are contained in **Appendix D**. The User questionnaire and Owner transaction screening questionnaire (if received) are contained in **Appendix E**. A copy of the Scope of Work is contained in **Appendix F**. The glossary of terms associated with an ASTM Phase I ESA is contained in **Appendix G**.

1.1 PURPOSE

The purpose of the ASTM Phase I ESA is to conduct an appropriate inquiry into previous ownership and uses of the property to satisfy one of the requirements to qualify for the *Landowner Liability Protections (LLPs)* limitations on liability under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) "*landowner liability protections*" or "*LLPs*". These potential environmental conditions are identified as *recognized environmental conditions* and *historical recognized environmental conditions*. (See **Appendix G** for definitions.)

The goal of this assessment is not to demonstrate that no hazardous materials are present at the Site. The assessment is necessary, however, to complete "...all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" [42 USC § 9601 (35) (B)]. The use of an environmental professional in the performance of this assessment will minimize environmental risks, but cannot completely eliminate these risks.



1.2 USER RELIANCE, LIMITATIONS, AND EXCEPTIONS

The scope of this project was presented in our proposal and contract number 8603 dated May 12, 2021 and subsequently approved by the Client (see **Appendix F** for Scope of Work).

This ASTM Phase I ESA is thorough, but it is not intended to identify all potential concerns, or to eliminate all risk of the subject properties bearing some degree of environmental liability. Condor cannot and will not warrant or certify that the Site is free of contaminants because it is impossible to know if such a condition exists. Although risks can never be eliminated, more detailed and extensive investigations yield more information, thereby further minimizing risk.

Land use, Site conditions (both on-site and off-site), and other factors will change over time. Site activities and regulations beyond Condor's control could change at any time after the completion of this report. Our observations, findings, and opinions can be considered valid only as of the date of the Site visit/reconnaissance, August 3, 2021. If any changes are made or errors found in the information used for this report, the interpretations and conclusions contained herein shall not be considered valid unless the changes or errors are reviewed by Condor and either appropriately modified or re-approved in writing. This report should not be relied upon after 180 days from the date of issuance (ASTM E 1527-13, Section 4.6).

The property owner is solely responsible for notifying all governmental agencies, and the public at large, of the existence, release, treatment, or disposal of any hazardous materials observed at the Site, either before or during performance of Condor's services. Condor assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury which results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials.

Condor, as an independent contractor, has completed the ASTM Phase I ESA in accordance with the ASTM guidelines and with the customary state of the practice and the prevailing standard of care for completing such assessments for the state of California at this time. Condor shall not be subject to any express or implied warranties whatsoever.

This report and other instruments or service are prepared and made available for the sole use of the officers and representatives of the Client. The contents thereof may not be used or relied upon by any other person(s) without the expressed written consent and authorization of the Client and Condor.

1.3 SIGNIFICANT ASSUMPTIONS

An assumed westerly groundwater gradient direction was utilized when assessing the potential risk posed to the Site from off-site locations. This assumed groundwater gradient is based upon previous groundwater monitoring associated with the City of Escalon Former Arco Gas Mini Mart¹ property approximately 0.3 miles east of the Site. It should be noted, however, that groundwater gradients in this area have fluctuated significantly over time.

1.4 SPECIAL TERMS AND CONDITIONS

None noted.

¹ Report *Groundwater Monitoring – 2nd Quarter 2005*, City of Escalon Former Arco Gas Mini Mart, 1305 Escalon Ave., Escalon, California, dated June 28, 2005, Geological Technics Inc.



2.0 SITE DESCRIPTION

This section provides a brief description of the Site and surrounding areas. More information regarding the Site and its description, including historical data, is included in Sections 4.0 and 5.0.

2.1 SITE LOCATION, LEGAL DESCRIPTION, AND PHYSICAL SETTING

The Site is located northwest of downtown Escalon, San Joaquin County, California. The Site parcels are approximately 3.17 acres of commercial and residential single-family land designated as APNs 225-070-200 and 225-070-320 are located in a primarily residential and agricultural area. The Site is depicted in the Site reconnaissance photographs (**Appendix B**) and in Figures 1 through 3 (**Appendix A**).

The sources used for determining the physical setting of the Site were the GeoCheck® Physical Setting Source Summary, provided by EDR™ (**Appendix C**), the USGS Avena, California 7.5-Minute Topographic Map dated 2012 (Figure 1, **Appendix A**), information from the current Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) and Site reconnaissance. The property is included on the Avena, California USGS 7.5-minute quadrangle, 2012 primarily within the northeastern portion of Section 5 of Township 2 South, Range 9 East of the Mount Diablo Base and Meridian at approximately North Latitude 37.7975 and West Longitude -121.0036. The average elevation of the Site is approximately 116 feet above mean sea level (amsl).

The Site is located in the northern portion of the San Joaquin Valley in the City of Escalon. The Southern Tidewater Railroad and State Highway 120 (Yosemite Avenue) adjoins the northern portion of the Site, Irwin Avenue adjoins the western portion of the Site, and California Street adjoins the southern portion of on the Site. The nearest major roadways are State Highway 120 (Yosemite Avenue) located along the northern Site boundary and J6 (McHenry Avenue) located approximately 0.3 miles east of the Site. The Atchison Topeka Railroad is approximately 0.2 miles east of the Site. Littlejohns Creek is located 1.6 miles north of the Site and the Stanislaus River is located approximately 2.5 miles south of the Site. The FEMA FIRM map indicates that the Site is in Zone X an area of minimal flood hazard.

2.2 SITE GEOLOGY

The Site is located in the Great Valley Geomorphic Province in the northern San Joaquin Valley. The San Joaquin Valley is a northwest-trending, structural depression, filled with up to six vertical miles of lithified non-marine and marine sediments and unlithified non-marine sediments. Regionally, the lithology of the upper 3,000 feet of sediments is indicative of uplift and erosion of the Sierra Nevada to the east and, to lesser degree, the Coast Range Mountains to the west.

The Sierra Nevada Province is an asymmetric range, with a steep fault-bounded eastern front and gentle western slope that dips under the sediments of the Great Valley to the west. The bedrock complex of the Sierra Nevada Mountains generally consists of metamorphosed sedimentary and volcanic rocks of Paleozoic and Mesozoic age (150 to 300 million years old) and plutonic rocks (chiefly granitic types) of Mesozoic age (80 to 150 million years old). The Site soil type as mapped by the US Department of Agriculture is Veritas Fine Sandy loam with Class B hydrologic group (moderate infiltration rate) and Honcut Sandy Loam with Class B hydrologic group (moderate infiltration rate). Groundwater beneath the Site is anticipated to range from approximately 63 to 66 feet below ground surface (bgs), and flow generally toward the west, based upon previous groundwater monitoring associated with the City of Escalon Arco Gas Mini Mart².

² Report Groundwater Monitoring – 2nd Quarter 2005, City of Escalon Former Arco Gas Mini Mart, 1305 Escalon Ave., Escalon, California, dated June 28, 2005, Geological Technics Inc.



The Site is not within a known oil and gas field. A PG&E natural gas pipeline is located approximately 0.5 miles southeast of the Site.

2.3 CURRENT USES OF THE PROPERTY

San Joaquin County Assessor's Office property use for the Site is indicated as commercial for APN 225-070-200 and as residential single family for APN 225-070-320. Based on Site reconnaissance, the Site is former agricultural land with a vacant residence, garage, and pump house.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON SITE

The Site has a residence in the southwestern portion of the Site, with a detached garage east of the residence. A well pump house is located north of the garage. All three buildings are vacant and boarded up, with no access to the interiors. Trees are located along the south-eastern Site boundary and north of the garage. The northern portion of the Site is vacant. Electrical power lines run north/south across Irwin Avenue, east/west across California Street, and east/west along State Route 120. Two pole-mounted transformers are on the power lines along Irwin Avenue, one of which has a non-PCB sticker. The southwestern adjoining property has an electrical pole on the northeast corner that serves the power to the house on the southeastern portion of the Site. A concrete pad is located north of the pump house and south of the northern tree. Another large concrete pad is located east of the pump house to the eastern portion of the Site. Two small concrete patches are located west and south of the residence and appear to have been sidewalks. A wooden fence is located along the eastern Site boundary behind the residences. The residence has telephone, electric, and gas connections on the western portion of the residence near the street.

2.5 CURRENT USES OF THE ADJOINING PROPERTIES

The northern adjoining property is agricultural with a rural residence across Highway 120 (Yosemite Avenue). The eastern adjoining properties are residential. The southern adjoining property are residential across California Street. The western adjoining properties are residential across Irwin Avenue. The north-western adjoining property is the Church of Christ.

3.0 USER PROVIDED INFORMATION

3.1 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

An environmental lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property. The Client indicated that no environmental liens have been placed on the Site property (User Questionnaire, **Appendix E**). No evidence of any environmental lien placed on the Site property was revealed in the course of this investigation.

3.2 SPECIALIZED KNOWLEDGE

None noted.

3.3 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Although an evaluation of property value was not included or performed during this ESA, no valuation reduction for environmental issues was revealed during review of historical information.



3.4 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Information obtained from the ParcelQuest indicated the current owner of the Site parcels as Miguel A Machado Etal which has owned the properties since September 1993.

3.5 REASON FOR PERFORMING PHASE I ESA

This Phase I ESA was performed to evaluate the Site for *recognized environmental conditions* pursuant to the ASTM Standard Practice E 1527-13 as part of the Client's due diligence process. The Site is being considered for multi-family residential construction.

3.6 OTHER

None noted.

4.0 RECORDS REVIEW

4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Locations identified in the ASTM specified databases within the specified search radii are included in the EDR™ Radius Map with GeoCheck® report in **Appendix C**.

It is Condor's practice to submit the Site addresses/location for local regulatory file reviews whether or not it has been identified within the database search.

The databases specified by ASTM are commonly subject to infrequent and partial updating. This is especially true of those locations that no longer warrant inclusion in a given database. It is therefore not unusual to fail to find supporting documentation for locations identified in the ASTM specified database search on file with local regulatory agencies. A total of 35 database entries were returned including 2 records of historic registered underground storage tanks (USTs), and 6 State leaking USTs (LUSTs). Additional environmental record sources included in the EDR™ report included 2 SWEEPS UST listings, 2 historic UST listings, 1 CERS Tanks listing, and 1 historic auto service listing. Some of the locations indicated in the EDR Report are mis-located and are not near the Site.

25015 State Highway 120 is the location of The Barn, listed as a historic auto service from 2008 to 2014. **This location could pose a risk to the Site based on its proximity to the Site (125 feet north), although there is no indication that the property housed any USTs.**

1641 Walnut is the location of Vito Bavaro, an agricultural farm listed with a historic UST. The property had a 500-gallon regular gasoline UST. No removal documentation was located. **This location is unlikely to pose a risk to the Site based on its location hydraulically cross-gradient (775 feet southwest) of the Site.**

1097 Yosemite Avenue is the location of the Escalon Mini Mart gas station located approximately 900 feet east of the Site. The Escalon Mini Mart is listed as previously having three (3) 10,000-gallon regular unleaded gasoline USTs. The older USTs were removed in May 1998 and soil samples collected at the time of removal were largely non-detect, although one soil sample collected beneath one of the dispensers contained low levels of petroleum hydrocarbons. San Joaquin County Environmental Health Department closed the site with no further action required shortly thereafter. The Escalon Mini Mart currently has one (1) 13,000-gallon regular unleaded gasoline UST and one (1) 7,000-gallon premium unleaded gasoline UST. **This property could pose a risk to the Site based on its location hydraulically upgradient from**



the Site, although all USTs are in compliance and have passed integrity testing each of the past three years.

4.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

4.2.1 San Joaquin County Environmental Health Department

The San Joaquin County Environmental Health Department was contacted for a public file review request. One record was found for the Site address to add pipe on the pump for the well.

4.3 HISTORICAL USE INFORMATION FOR THE SITE

Historical use information pertaining to the Site was researched using historical USGS topographic maps, aerial photographs, and city directories information provided by EDR™. Copies of the maps, photographs, and directories are included in **Appendix D**. Sanborn Fire Insurance maps are unavailable for the area.

Topographic Maps

USGS topographic maps dated 1914, 1915; 1942; 1948; 1952, 1953; 1968; 1976; 1994; and 2012 were reviewed. The **1914, 1915** map indicates that the Site is located west of town with topography that gently slopes to the northwest. The Tidewater Southern railroad lines are on the north boundary and a canal is a short distance south of the Site. The **1952/1953** map indicates a structure and a building in the northern portion of the Site and a structure in the southwestern corner of the Site. The **1968** map shows two additional structures east of the southwestern structure on the Site. The **1994** and **2012** maps show no discernible changes to the Site. The Site is not shown on available maps from **1942, 1948, and 1976**.

Aerial Photographs

Aerial photographs dated 1937, 1950, 1957, 1963, 1968, 1973, 1975, 1982, 1984, 1993, 2006, 2009, 2012, and 2016 were reviewed. In the **1937** photo, the southern Site parcel has one rural residence in the southwestern corner of the Site with one small structure northeast and one residence size structure east of the residence. Agricultural fields are located on the remainder of the southern Site parcel and the northern Site parcel. A railroad line is located along the northern Site boundary. The **1950** photo suggests the residence on the southern Site parcel may have been replaced with a larger residence. Additional structures, apparently a detached garage and pump house among them, were built east and northeast of the residence. Agricultural fields are located on the remainder of the southern Site parcel. The southern portion of the northern Site parcel is an agricultural field. A driveway to the site is shown from the western road to the northern portion of the Site. A small structure is located north of the driveway along the western Site boundary. A large barn structure is located in the northern portion of the northern Site parcel with livestock pens east and south of the eastern portion of the barn. The **1957** photo shows the east/west garage structures have been removed from the southern Site parcel. A square building is located north of the small pump house and a garage size structure is located north of the square building in the northern portion of the southern Site parcel. A larger structure replaced the small structure north of the driveway on the northern Site parcel. The **1963** and **1968** photos show no apparent changes to the Site. The Site is not shown in the **1973** photo. The **1975** photo shows no apparent changes to the Site. The **1982** photo shows the rectangle building in the northern portion of the southern Site parcel has been removed. The **1984** photo shows no apparent change to the Site. The **1993** photo shows the eastern portion of the large barn in the northern Site parcel has been removed along with the livestock pens. The **2006** photo shows all structures on the Site have been removed except the residence, garage, and pump house in the southern portion of the southern Site parcel. The **2009** and **2012** photos show no apparent changes to the Site. The **2016** photo shows a stockpile of rock and some construction equipment on the northern portion of the northern Site parcel.



City Directories

City directory information for the Site was reviewed and 1310 Irwin Avenue was not listed in City Directories provided by EDR™. **1320 Irwin Avenue** (believed to be northern portion of the Site parcel) is listed as William Boersma and Escalon Lvstck Actn from 1971 until 1977; as Escalon Lvstck Actn, Gordon Nicholson, and Surprises Crpt CIng in 1981, as Escalon Livestock in 1985 and 1992, and unlisted from 1995 until 2017. **706 California Street** is listed as Donna and Merlin Murken in 1971, as XXXX in 1974, as John Tiffin in 1977, as Mark Nicholson in 1981, as E L Oscar in 1985, as Miguel A Machado in 1992, unlisted in 1995, as Occupant Unknown in 2000 and 2005, and unlisted from 2010 until 2017.

4.4 HISTORICAL USE INFORMATION FOR ADJOINING PROPERTIES

Historical use information pertaining to the adjoining properties was researched using historical USGS topographic maps, aerial photographs, and city directories information provided by EDR™. Copies of the maps, photographs, and directories are included in **Appendix D**.

Topographic Maps

USGS topographic maps dated 1914, 1915; 1942; 1948; 1952, 1953; 1968; 1976; 1994; and 2012 were reviewed for the adjoining properties. The **1914, 1915** map shows the surrounding land to be vacant and the Tidewater Southern railroad line north of the Site and a canal south and east of the Site. The Atchison Topeka railroad line is located east of the Site. The adjoining properties are not shown on the **1942** and **1948** maps. Additional neighborhoods in town east of the Site are apparent. The **1952, 1953** map shows residences across the streets on the southern, southwestern, western, and northeastern adjoining properties. North of the Tidewater Southern railroad lines on the northern adjoining property is Highway 120. Orchards are shown on the western adjoining property. Additional neighborhoods are shown east of the Site. The **1968** map shows additional neighborhoods extending the city boundaries of Escalon past the Site. The adjoining properties are unmapped in the **1976** map. The **1994** map shows no apparent changes to the adjoining properties. The **2012** map shows additional neighborhoods surrounding the eastern, southern, and western properties of the Site.

Aerial Photographs

Aerial photographs dated 1937, 1950, 1957, 1963, 1968, 1973, 1975, 1982, 1984, 1993, 2006, 2009, 2012, and 2016 were reviewed for the adjoining properties. In the **1937** photo, agricultural land is located on the adjoining northern (across the road), eastern, and southern properties (across the road) from the Site. An orchard is located on the western adjoining property across the road. Rural residences are located on the southwestern and northeastern adjoining properties across the roads from the Site. A railroad line is located along the northern Site boundary. In the **1950** photograph, residences are located on the northern, southern, and western adjoining properties. The **1957** photo shows no apparent changes to the adjoining properties. The **1963** photo shows fewer trees in the western adjoining orchard across the road. Two buildings are shown on the north-western adjoining property across the road. Neighborhood development is apparent east of the Site. The **1968** photo shows the eastern adjoining property no longer is agricultural land and two buildings are located on the south-eastern corner of the block. Additional neighborhood development is shown east of the Site. The Site is not shown on the **1973** photo. The **1975** photo shows neighborhood development east and south of the Site. The **1982** and **1984** photos show no apparent changes to the adjoining properties. The **1993** photo shows the expansion of the northern building on the north-western adjoining property across the road. The **2006** photo shows the southern building on the eastern side of the north-western adjoining property across the road has been removed and a new building has been built south of the western portion of the northern building. The **2009** and **2012** photos show the no apparent changes to the adjoining properties. The **2016** photo shows a building on the northwestern adjoining property across the road has been removed.



City Directories

City directory information for adjoining properties was reviewed; the adjoining properties are listed as primarily residential. The city directories are included in **Appendix D**.

5.0 SITE RECONNAISSANCE

5.1 METHODOLOGY AND LIMITING CONDITIONS

A walking reconnaissance of the Site and surrounding area was performed on August 3, 2021 in accordance with the ASTM practice by the Environmental Professional. The only limiting condition was the presence of vegetation on most of the Site.

5.2 EXTERIOR OBSERVATIONS

The Site has a residence in the southwestern portion of the Site, with a detached garage east of the residence. A well pump house is located north of the garage. All buildings are unoccupied and boarded up, with no access to the interiors. Trees are located along the south-eastern Site boundary and north of the garage. Aside from a couple old tires, no evidence of trash dumps was observed on the property. The northern portion of the Site is vacant. Electrical power lines run north/south across Irwin Avenue, east/west across California Street, and east/west along State Route 120 on the north property boundary. Pole-mounted transformers are at two locations on the power line along Irwin Avenue, one of which has a non-PCB sticker. The southwestern adjoining property has an electrical pole on the northeast corner that serves the power to the house on the southeastern portion of the Site. A concrete pad is located north of the pump house and south of the northern tree. Another large concrete pad is located east of the pump house to the eastern portion of the Site. Two small concrete patches are located west and south of the residence and appear to have been sidewalks. A wooden fence is located along the eastern Site boundary behind the residences. Some minor landscaping/garden waste is present along the fence line that backs up to the adjacent residences. Storm drain catch basins are located in the gutter along Irwin Avenue, one near the residence on the south end of the block, and one near the corner of Irwin Avenue and State Route 120.

The residence has telephone, electric, and gas connections on the western portion of the residence near the street. Several vent lines routed from below the ground surface to the roof of the residence are also visible on the west side of the residence. One vent line includes an apparent fill pipe, which suggests a buried heating oil tank. The northern parcel has no existing buildings, or visible evidence of any former buildings. Photographs of the Site are contained in **Appendix B**.

The following items were not observed at the Site during the Site reconnaissance unless otherwise noted.

1. Source of potable water: **City of Escalon**
2. Sewage disposal: **City of Escalon**.
3. Hazardous substances and petroleum products in connection with identified uses
4. Storage tanks
5. Odors
6. Pools of liquid
7. Drums
8. Hazardous substances and petroleum products containers
9. Unidentified Substance Containers
10. Polychlorinated biphenyls (PCBs)
11. Stained soil or pavement
12. Pits, ponds, or lagoons
13. Stressed vegetation
14. Solid waste



15. Waste water
16. **Wells: A water well is apparently located on the southern portion of the Site parcel as evidenced by the pump house. However, the interior of the pump house is not accessible so the presence of the well could not be confirmed.**
17. Septic Systems

5.3 INTERIOR OBSERVATIONS

The interiors of the existing buildings were not accessible. However, limited photographs were taken of the interior of the detached garage through small gaps at the top of the large doors and from the cellar of the residence through small gap in the boarded-up entrance. The detached garage appeared to be largely empty, with no visible chemical containers. The only thing visible in the cellar was a small water heater.

6.0 INTERVIEWS

The interview with the current owner was not possible in time for the publication of this report. No neighbors were available for interview during the Site reconnaissance. The Site questionnaire was completed by the Environmental Professional at the time of the Site reconnaissance and is located in **Appendix E** of this report. The inability to interview the current property owner or knowledgeable person is considered a data gap.

7.0 ADDITIONAL SERVICES

A Tier one vapor encroachment screen was performed in accordance with the ASTM Standard. No nearby or on-Site sources of contamination were identified that would pose a subsurface vapor intrusion risk to future occupants of the Site.

8.0 FINDINGS

The 3.17-acre Site, located at 1310 Irwin Avenue and 706 California Street in a primarily residential neighborhood of Escalon, California, is comprised of a single-family residence and associated out-buildings on the southern Site parcel and vacant land on the northern Site parcel. The Site was developed for rural residential and agricultural use from the early 20th Century until sometime before 1950. By 1950, the northern Site parcel (225-070-200) was developed for livestock use until the early 1990s. The southern Site parcel (APN 225-070-320) had buildings dating from approximately 1937 which were replaced by the 1950s. There appears to have been another residence on the western margin of the northern Site parcel constructed by the mid-1950s. The northern Site parcel residence appears to have been removed by the early 1990s and the large building associated with the former stockyard appears to be fully removed by the mid-2000s.

The railroad has been located along the northern boundary of the Site since the early 20th Century. Fencing surrounds the eastern boundary of the Site. The Site is currently unoccupied. During the Site reconnaissance, the residence, detached garage, and small pump house on the southern parcel were the only buildings remaining on the Site, although two concrete pads behind (northeast of) the residence also remain. None of the buildings were accessible to their interiors. The majority of the Site was covered in native grasses. The eastern adjoining properties are residential. Across California Street to the south and across Irwin Avenue to the west is residential. The north-western adjoining property is the Church of Christ.

Environmental database review revealed no listed locations adjoining the Site or in the immediate vicinity of the Site that appear to pose an excess risk to the Site based on publicly available information.



9.0 OPINIONS AND CONCLUSIONS

We (Condor) have performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 for APNs 225-070-200 and 225-070-320 located at 1310 Irwin Avenue and 706 California Street, Escalon, San Joaquin County, California. Any exceptions to, or deletions from, this practice are described in Section 10.0 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the property except for the following:

It is Condor's opinion that the use of the property for agricultural purposes for approximately 50 years constitutes a *recognized environmental condition* pursuant to the ASTM Standard. Organochlorine pesticides (OCPs) were widely used from the 1950s until banned by the Environmental Protection Agency in the 1970s. Prior to the 1950s, arsenic compounds were also widely used in agriculture. Both arsenic and OCPs are persistent bio accumulative toxic substances and may be present at elevated concentrations in Site soil.

It is Condor's opinion that the use of the property for livestock purposes for approximately 40 years constitutes a *recognized environmental condition* pursuant to the ASTM Standard. Potential use of acaricides to treat livestock may present a risk of residual chemicals in Site soil.

It is Condor's opinion that the construction of the structures prior to the 1970s constitutes a *recognized environmental condition* pursuant to the ASTM Standard. Painted wood structures pre-dating the 1970s were likely painted with lead-based paint, and lead may be elevated in soil around the building perimeters. Asbestos-containing building materials may be present in structures. Soil around the building perimeters may contain chlorinated pesticides from termiticide application.

It is Condor's opinion that the presence of a vent line and possible fill tube on the west side of the residence, suggesting the presence of an historical heating oil tank, constitutes a *recognized environmental condition* pursuant to the ASTM Standard, and may present a risk of residual chemicals in Site soil.

It is Condor's opinion that if a well remains within the pump house on the Site, it would constitute a *de minimis condition* pursuant to the ASTM standard. Any remaining well should be properly abandoned under permit if not intended for future use.

Condor recommends a Phase II ESA be performed to include collection of soil samples from around the existing buildings and former agricultural areas, with laboratory analyses to determine the concentrations and extent of residual pesticides, arsenic, and lead, as well as further investigation of the presence of a heating oil tank beneath or near the residence.

10.0 DEVIATIONS AND DATA GAPS

This ASTM Phase I ESA was performed by Condor according to the scope and limitations of ASTM Practice E 1527-13, except for the following:

- Past and current owner interviews were not conducted. The contact information for past owners was not readily available.
- The interior portions of the boarded-up buildings were not available for inspection.
- Condor could not confirm the presence or absence of a well within the boarded-up pump house.

This is not considered a significant deviation since the past uses of the Site for residential and agricultural purposes is well documented. Additional environmental concerns other than those noted are not likely.



11.0 REFERENCES

SITE AND VICINITY GENERAL CHARACTERISTICS AND SETTING

1. FEMA National Flood Insurance Program on-line information, <http://store.msc.fema.gov/>; and FIRM Map Index for San Joaquin County, California, 06077C0670F, dated October 16, 2009.
2. GeoCheck® Physical Setting Source Summary, provided by EDR™, dated May 20, 2021.
3. Parcel Quest®, parcel identification, on-line information, <http://www.parcelquest.com>.
4. Site reconnaissance, August 3, 2021.
5. USGS Avena, California 7.5-minute topographic quadrangle map dated 2012.
6. Wagner, D.L., C.W. Jennings, T.L. Bedrossian, and E.J. Bortugno, Geologic Map of the Sacramento Quadrangle, California, 1:250,000, 1981.

CURRENT USES OF THE ADJOINING PROPERTIES

7. Site reconnaissance, August 3, 2021.

HISTORICAL USE INFORMATION ON SITE AND ADJOINING PROPERTIES

8. Aerial photographs dated 1937, 1950, 1957, 1963, 1968, 1973, 1975, 1982, 1984, 1993, 2006, 2009, 2012, and 2016 obtained from EDR™.
9. Historical USGS topographic maps dated 1914, 1915; 1942; 1948; 1952, 1953; 1968; 1976; 1994; and 2012, obtained from EDR™.

RECORDS REVIEW

10. California State Water Resource Control Board website: <http://geotracker.swrcb.ca.gov/reports>.
11. California Water Service Company website: <https://www.calwater.com/>
12. EDR™ Radius Map and Report, dated May 20, 2021.

REPORT STANDARDS

13. ASTM E 1527-13

12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Condor has over five decades of aggregate experience in the performance of Phase I ESAs and environmental audits for financial institutions, attorneys, private companies and public agencies. Experienced environmental professionals perform assessments and audits that provide a standard of care consistent with industry practice and employ guidelines developed by the ASTM Practice E 1527-13. Alexander B. Dewitt, California Professional Geologist, performed this assessment. Mr. Dewitt has over 19 years of experience conducting environmental assessments in California for public agencies and commercial businesses.



13.0 ENVIRONMENTAL PROFESSIONAL'S STATEMENT AND SIGNATURE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. Further, I declare that I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully submitted,
CONDOR EARTH

ENVIRONMENTAL PROFESSIONAL:


John P. Lane, CA PG No. 6795
Environmental Services Manager



August 12, 2021

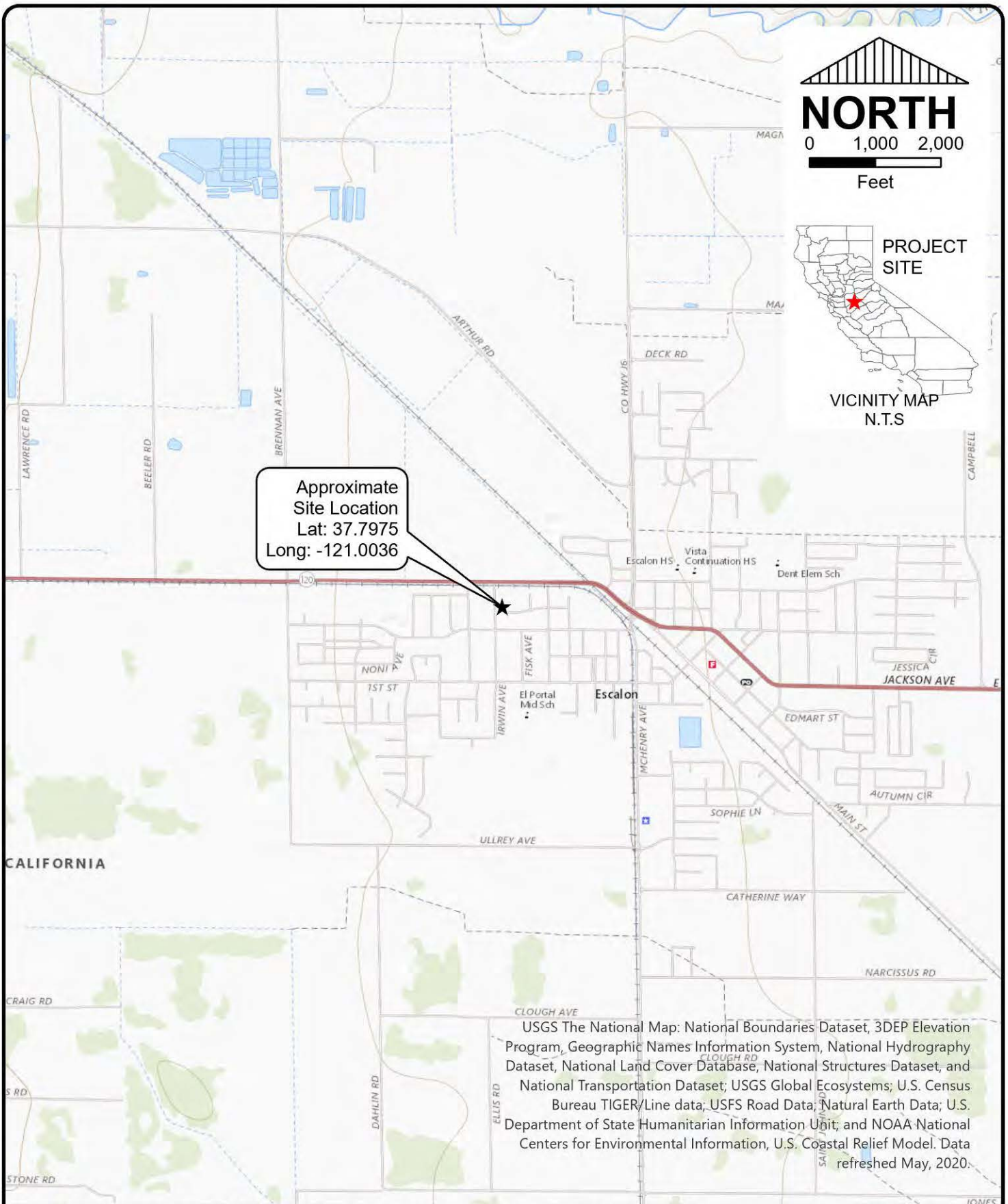
ASSISTED BY:


Rebecca Selvage
Environmental Specialist

X:\Project\8000_prj\8603 Housing Authority of SJ Irwin Village Apartments ESA\Reports\FR 20210612 Irwin Village Apartments Phase I
ESA.docx



APPENDIX A



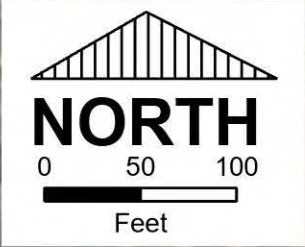
CONDOR EARTH
21663 Brian Lane
P. O. Box 3905
Sonora, CA 95370
(209) 532-0361
fax (209) 532-0773
www.condorearth.com

Job No.	8603
Date	28 May 2021
Scale	AS SHOWN
Drawn	Chk'd
JW	RS

**VICINITY MAP
PHASE I ESA
IRWIN VILLAGE APARTMENTS
1310 IRWIN AVENUE AND
706 CALIFORNIA STREET
ESCALON, CALIFORNIA**

**FIGURE
1**

8603_PhaseI.aprx



BACKGROUND IMAGE: ESRI DIGITAL GLOBE 2020

LEGEND

 Approximate Site Boundary/Parcel



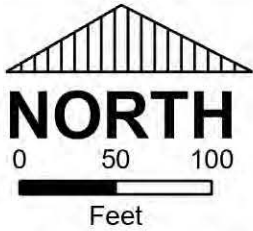
CONDOR EARTH
 21663 Brian Lane
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 Sonora, CA 95370
 (209) 532-0361
 fax (209) 532-0773
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Job No.	8603
Date	28 May 2021
Scale	AS SHOWN
Drawn	Chk'd
JW	RS

SITE MAP
PHASE I ESA
IRWIN VILLAGE APARTMENTS
 1310 IRWIN AVENUE AND
 706 CALIFORNIA STREET
 ESCALON, CALIFORNIA

FIGURE
2

8603_PhaseI.aprx



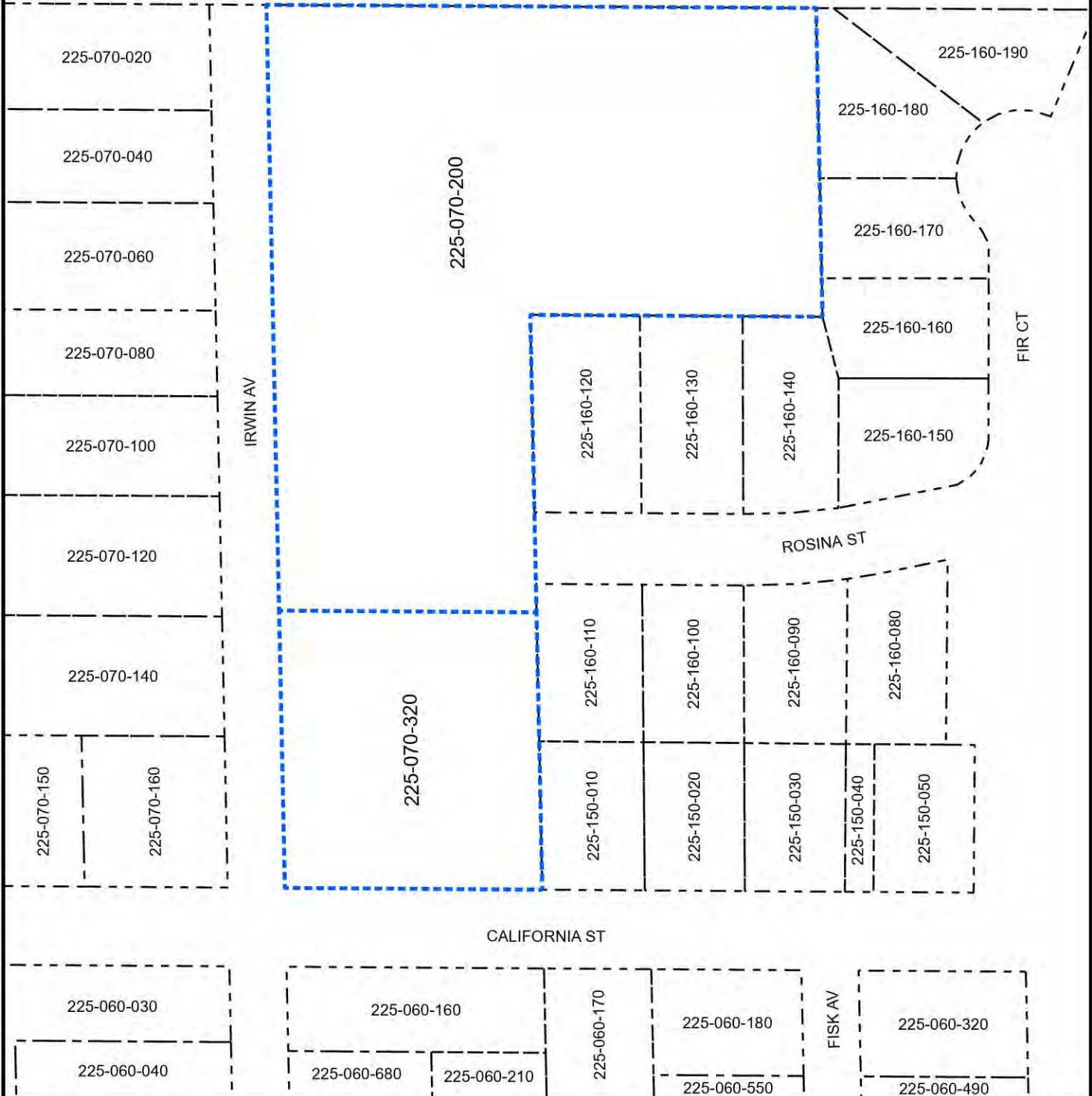
225-020-210

LEGEND

YOSEMITE A
120

- APPROXIMATE SITE BOUNDARY/PARCEL
- SURROUNDING PARCELS

225-070-330



CONDOR EARTH

21663 Brian Lane
P. O. Box 3905
Sonora, CA 95370
(209) 532-0361
fax (209) 532-0773
www.condorearth.com

Job No.

8603

Date

28 May 2021

Scale

AS SHOWN

Drawn

JW

Chk'd

RS

APN MAP
PHASE I ESA
IRWIN VILLAGE APARTMENTS
APN: 225-070-200 AND 225-070-320
1310 IRWIN AVENUE AND
706 CALIFORNIA STREET
ESCALON, CALIFORNIA

FIGURE

3

8603_PhaseI.aprx

APPENDIX B

PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 1: View north along property boundary from southeast corner of APN 225-070-320.

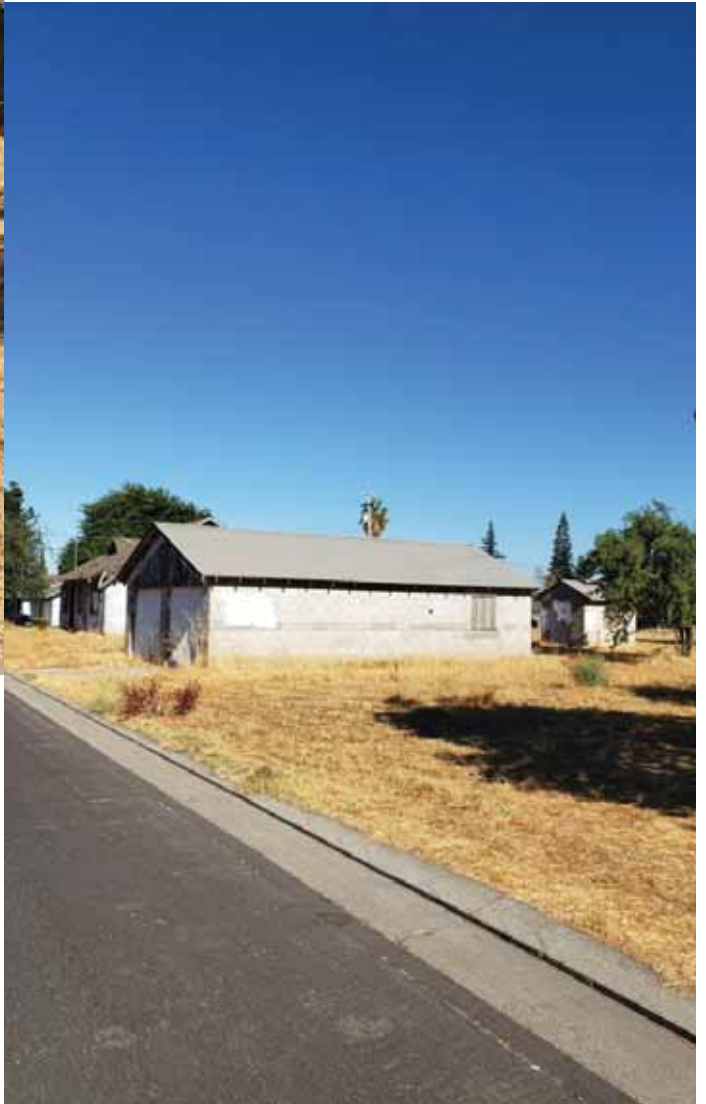


Photo 2: View west along property boundary from southeast corner of APN 225-070-320.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021

Photo 3: Existing detached garage on
APN 225-070-320.

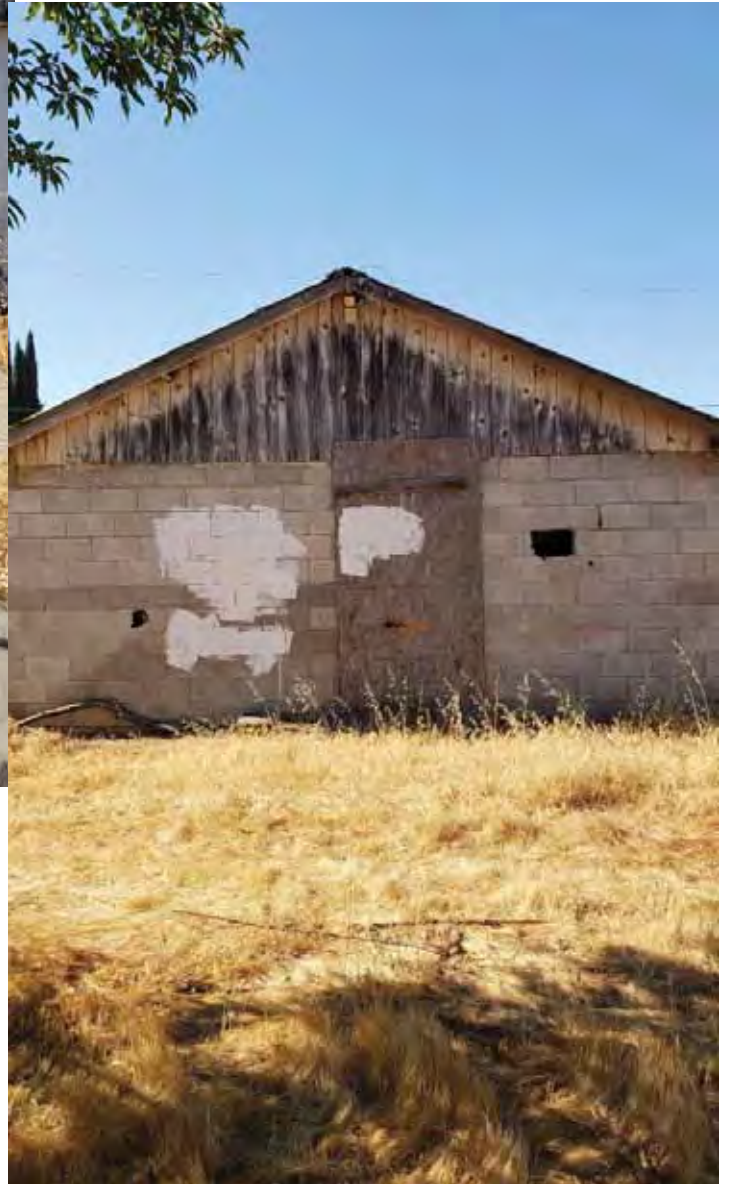


Photo 4: Rear view of detached garage.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 5: Photo taken through space above locked garage door.

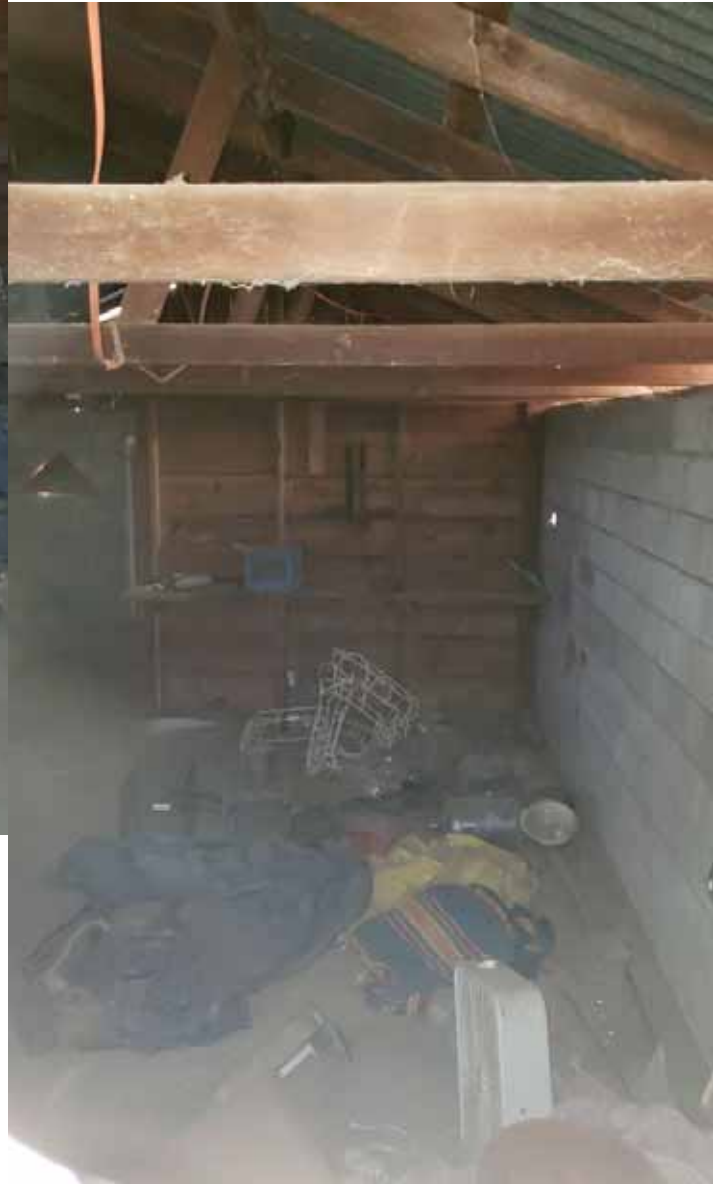


Photo 6: Photo taken through space above locked garage door.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 7: Boarded up pump house



Photo 8: Piping on west side of pump house.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 9: View east along property boundary from southwest corner of APN 225-070-320.



Photo 10: View north along property boundary from southwest corner of APN 225-070-320.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 11: Storm sewer catch basin near southwest corner of APN 225-070-320.



Photo 12: Southwest corner of boarded up residence on APN 225-070-320. Note vent lines on west side of building.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 13: West side of boarded up residence.

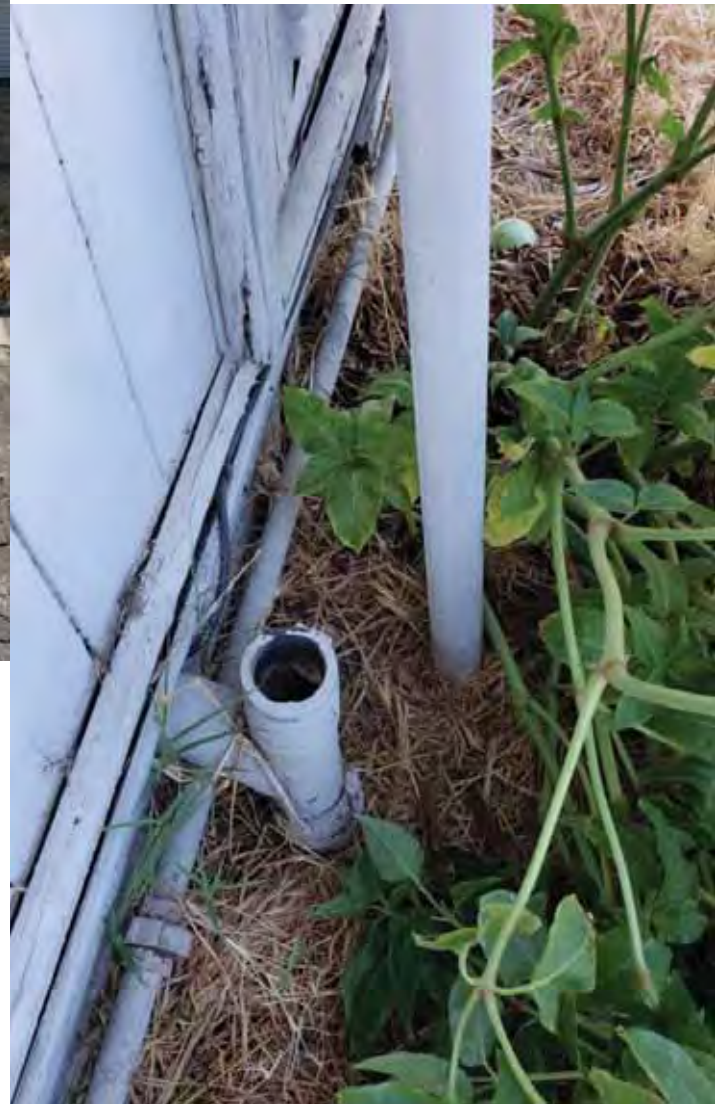


Photo 14: Apparent water and sewer lines along the west side of the residence.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 15: Apparent vent line on west side of residence.



Photo 16: Base of vent line with apparent fill pipe to heating oil tank.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 17: Rear of residence showing boarded up entrance to cellar.



Photo 18: Photo inside cellar, taken from outside through space between floor of the building and the plywood barrier blocking the cellar entrance.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 19: View west behind detached garage showing concrete foundation of a former structure on APN 225-070-320.



Photo 20: Another concrete foundation behind the pump house.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 21: View south along property boundary from northwest corner of APN 225-070-200.



Photo 22: View east along property boundary from northwest corner of APN 225-070-200.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 23: Rear of maintenance-of-way building near northwest corner of APN 225-070-200.



Photo 24: View west along property boundary from northeast corner of APN 225-070-200.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 25: View south along property boundary from northeast corner of APN 225-070-200.



Photo 26: Landscaping/garden refuse in southeast corner of northern portion of APN 225-070-200.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 27: View west-northwest in area of former stock yards on APN 225-070-200. No visible evidence of former stock yards.



Photo 28: View south from northern property boundary, in area of former livestock auction buildings. No visible evidence of former buildings.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 29: View east-southeast from near northwest corner of property, in area occasionally used for stockpiling road/railroad materials.



Photo 30: Possible sparse concrete construction debris near northwest corner of property.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 31: Storm water catch basin along Irwin Avenue, near northwest corner of property.



Photo 32: View east, from western property boundary, in area of former structure in the central portion of the property.



PHASE I ESA
IRWIN VILLAGE APARTMENTS
SITE RECONNAISSANCE, AUGUST 3, 2021



Photo 33: Pole-mounted transformer across Irwin Avenue from residence; note non-PCB sticker on transformer.

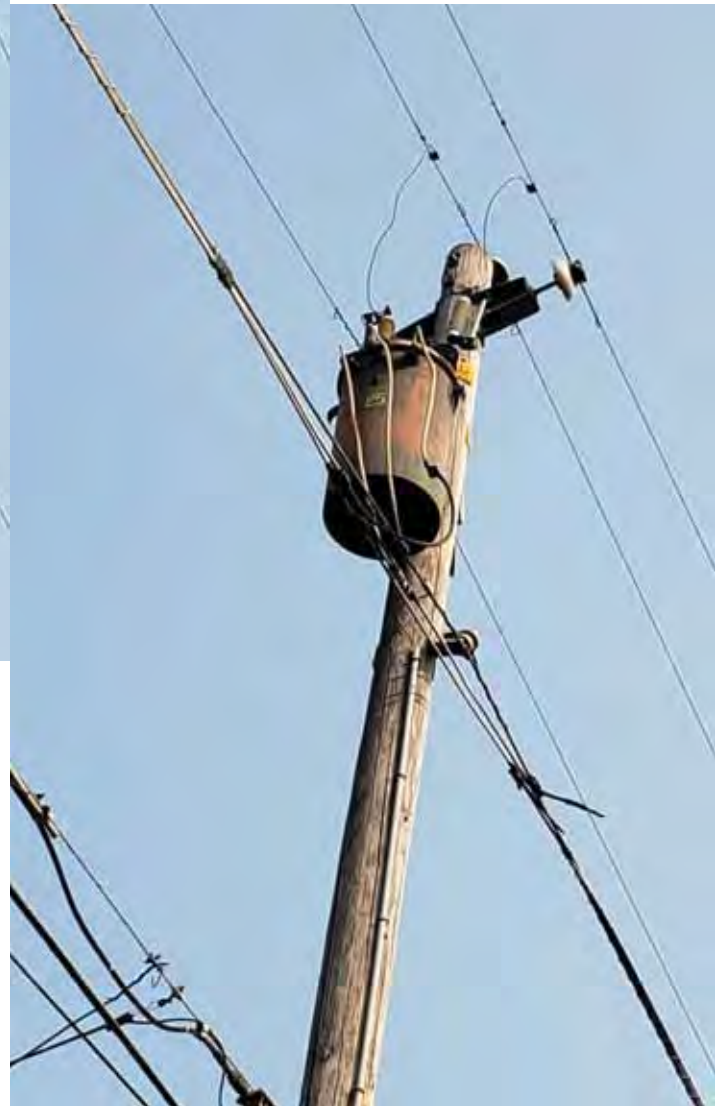


Photo 34: Pole-mounted transformer across Irwin Avenue from the northern Site parcel; note absence of non-PCB sticker on transformer.



APPENDIX C

Irwin Village Apartments

1310 Irwin Avenue
Escalon, CA 95320

Inquiry Number: 6503137.2s
May 20, 2021

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1310 IRWIN AVENUE
ESCALON, CA 95320

COORDINATES

Latitude (North): 37.7976510 - 37° 47' 51.54"
Longitude (West): 121.0036170 - 121° 0' 13.02"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 675770.9
UTM Y (Meters): 4185036.2
Elevation: 114 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640046 AVENA, CA
Version Date: 2012

East Map: 5639980 ESCALON, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140628
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 1310 IRWIN AVENUE
 ESCALON, CA 95320

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	BARN THE	25015 STATE HIGHWAY	EDR Hist Auto	Lower	142, 0.027, NNE
2	KRISHNAMOORTHY MD IN	850 CALIFORNIA ST	RCRA NonGen / NLR	Higher	467, 0.088, ESE
3	VITO BAVARO	1641 WALNUT	HIST UST	Higher	774, 0.147, SSW
A4	ESCALON MINI MART	1097 YOSEMITE AVE	RCRA NonGen / NLR	Higher	912, 0.173, ENE
A5	ESCALON MINI MART	1097 YOSEMITE AVE	UST	Higher	912, 0.173, ENE
A6	ESCALON MINI MART	1097 E YOSEMITE AVE	SWEEPS UST	Higher	912, 0.173, ENE
A7	ESCALON MINI MART	1097 YOSEMITE AVE	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Higher	912, 0.173, ENE
B8	EL PORTAL MIDDLE SCH	805 FIRST STREET	RCRA NonGen / NLR	Higher	974, 0.184, SSE
B9	ESCALON UNIFIED SCHO	805 1ST ST	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Higher	974, 0.184, SSE
C10	HOLTZ	1100 PARK AVE	UST	Higher	1313, 0.249, ESE
C11	HOLTZ	1100 PARK	SWEEPS UST, HIST UST	Higher	1313, 0.249, ESE
D12	SIERRA BAIT & LIQUOR	1213 YOSEMITE	LUST, Cortese, HIST CORTESE, CERS	Higher	1488, 0.282, East
D13	ESCALON SCHOOL BUS G	1176 YOSEMITE	HIST CORTESE	Higher	1597, 0.302, ENE
D14	SOUTH COMPANY FOOD &	1305 ESCALON	LUST, SWEEPS UST, Cortese, HIST CORTESE, CERS	Higher	1607, 0.304, East
E15	EZ GAS/MINIMART	1405 MCHENRY	LUST, Cortese, HIST CORTESE, CERS	Higher	1654, 0.313, East
16	RESIDENCE	1336 ESCALON AVENUE	CPS-SLIC, CERS	Higher	1790, 0.339, East
E17	MC DOWELL & FRANK TO	1360 ESCALON AVENUE	LUST, SWEEPS UST, HIST UST, Cortese, HIST CORTESE,...	Higher	1815, 0.344, East
E18	MC HENRY STATION	1405 MAIN ST	LUST, SWEEPS UST, Cortese, HIST CORTESE, CERS	Higher	1878, 0.356, East
19	WRIGHTS PETROLEUM	1212 WEISS WAY	ENVIROSTOR	Higher	1982, 0.375, ESE
F20	EMILS LIQUORS & SPOR	1405 CALIFORNIA ST	LUST, SWEEPS UST, HIST CORTESE, CERS	Higher	2244, 0.425, East
F21	EMILS LIQUORS & SPOR	1405 CALIFORNIA ST	Cortese, HAZNET, HWTS	Higher	2244, 0.425, East
22	HOFS QUALITY CLEANER	1714 MAIN ST	ENVIROSTOR	Higher	2866, 0.543, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

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-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

EXECUTIVE SUMMARY

CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
PFAS..... PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
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
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem

EXECUTIVE SUMMARY

US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
HWTS.....	Hazardous Waste Tracking System
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
-------------	--

EXECUTIVE SUMMARY

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-SQG 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>
<i>ESCALON UNIFIED SCHO</i> EPA ID:: CAD981998040	<i>805 1ST ST</i>	<i>SSE 1/8 - 1/4 (0.184 mi.)</i>	<i>B9</i>	<i>61</i>

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 01/25/2021 has revealed that there are 2 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>
WRIGHTS PETROLEUM	1212 WEISS WAY	ESE 1/4 - 1/2 (0.375 mi.)	19	85

EXECUTIVE SUMMARY

Facility Id: 39510002
 Status: Refer: Other Agency
 HOFS QUALITY CLEANER 1714 MAIN ST ESE 1/2 - 1 (0.543 mi.) 22 93
 Facility Id: 39720002
 Status: Refer: Other Agency

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST 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>
SIERRA BAIT & LIQUOR Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Case Closed Global Id: T0607700876 Status: Completed - Case Closed	1213 YOSEMITE	E 1/4 - 1/2 (0.282 mi.)	D12	67
SOUTH COMPANY FOOD & Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Case Closed Global Id: T0607700842 Status: Completed - Case Closed	1305 ESCALON	E 1/4 - 1/2 (0.304 mi.)	D14	70
EZ GAS/MINIMART Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Case Closed Global Id: T0607700201 Status: Completed - Case Closed	1405 MCHENRY	E 1/4 - 1/2 (0.313 mi.)	E15	74
MC DOWELL & FRANK TO Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Case Closed Global Id: T0607700889 Status: Completed - Case Closed	1360 ESCALON AVENUE	E 1/4 - 1/2 (0.344 mi.)	E17	77
MC HENRY STATION Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Case Closed Global Id: T0607700672 Status: Completed - Case Closed	1405 MAIN ST	E 1/4 - 1/2 (0.356 mi.)	E18	81
EMILS LIQUORS & SPOR Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Case Closed	1405 CALIFORNIA ST	E 1/4 - 1/2 (0.425 mi.)	F20	86

EXECUTIVE SUMMARY

Global Id: T0607700808
Status: Completed - Case Closed

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC 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>
RESIDENCE	1336 ESCALON AVENUE	E 1/4 - 1/2 (0.339 mi.)	16	76
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: T10000006627				

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites 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>
ESCALON MINI MART	1097 YOSEMITE AVE	ENE 1/8 - 1/4 (0.173 mi.)	A5	15
Database: UST, Date of Government Version: 03/08/2021 Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018 Facility Id: FA0000279 Tank Status: 02 - Inactive, non-billable Tank Status: 01 - Active, billable				
HOLTZ	1100 PARK AVE	ESE 1/8 - 1/4 (0.249 mi.)	C10	66
Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018 Facility Id: FA0005306 Tank Status: 02 - Inactive, non-billable				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/20/2021 has revealed that there

EXECUTIVE SUMMARY

is 1 CERS HAZ WASTE 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>
ESCALON MINI MART	1097 YOSEMITE AVE	ENE 1/8 - 1/4 (0.173 mi.)	A7	18

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites 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>
ESCALON MINI MART Status: A Tank Status: A Comp Number: 1497	1097 E YOSEMITE AVE	ENE 1/8 - 1/4 (0.173 mi.)	A6	17
HOLTZ Comp Number: 2164	1100 PARK	ESE 1/8 - 1/4 (0.249 mi.)	C11	66

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites 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>
VITO BAVARO Facility Id: 00000006996	1641 WALNUT	SSW 1/8 - 1/4 (0.147 mi.)	3	11
HOLTZ Facility Id: 00000015464	1100 PARK	ESE 1/8 - 1/4 (0.249 mi.)	C11	66

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 01/20/2021 has revealed that there is 1 CERS TANKS 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>
ESCALON MINI MART	1097 YOSEMITE AVE	ENE 1/8 - 1/4 (0.173 mi.)	A7	18

EXECUTIVE SUMMARY

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there are 3 RCRA NonGen / NLR sites 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>
KRISHNAMOORTHY MD IN EPA ID:: CAL000439649	850 CALIFORNIA ST	ESE 0 - 1/8 (0.088 mi.)	2	9
ESCALON MINI MART EPA ID:: CAL000275802	1097 YOSEMITE AVE	ENE 1/8 - 1/4 (0.173 mi.)	A4	12
EL PORTAL MIDDLE SCH EPA ID:: CAC002967348	805 FIRST STREET	SSE 1/8 - 1/4 (0.184 mi.)	B8	59

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/17/2020 has revealed that there are 6 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>
SIERRA BAIT & LIQUOR Cleanup Status: COMPLETED - CASE CLOSED	1213 YOSEMITE	E 1/4 - 1/2 (0.282 mi.)	D12	67
SOUTH COMPANY FOOD & Cleanup Status: COMPLETED - CASE CLOSED	1305 ESCALON	E 1/4 - 1/2 (0.304 mi.)	D14	70
EZ GAS/MINIMART Cleanup Status: COMPLETED - CASE CLOSED	1405 MCHENRY	E 1/4 - 1/2 (0.313 mi.)	E15	74
MC DOWELL & FRANK TO Cleanup Status: COMPLETED - CASE CLOSED	1360 ESCALON AVENUE	E 1/4 - 1/2 (0.344 mi.)	E17	77
MC HENRY STATION Cleanup Status: COMPLETED - CASE CLOSED	1405 MAIN ST	E 1/4 - 1/2 (0.356 mi.)	E18	81
EMILS LIQUORS & SPOR Cleanup Status: COMPLETED - CASE CLOSED	1405 CALIFORNIA ST	E 1/4 - 1/2 (0.425 mi.)	F21	90

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CAL SITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 7 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>
SIERRA BAIT & LIQUOR	1213 YOSEMITE	E 1/4 - 1/2 (0.282 mi.)	D12	67

EXECUTIVE SUMMARY

Reg Id: 391060				
ESCALON SCHOOL BUS G Reg Id: 390884	1176 YOSEMITE	ENE 1/4 - 1/2 (0.302 mi.)	D13	70
SOUTH COMPANY FOOD & Reg Id: 391022	1305 ESCALON	E 1/4 - 1/2 (0.304 mi.)	D14	70
EZ GAS/MINIMART Reg Id: 390276	1405 MCHENRY	E 1/4 - 1/2 (0.313 mi.)	E15	74
MC DOWELL & FRANK TO Reg Id: 391073	1360 ESCALON AVENUE	E 1/4 - 1/2 (0.344 mi.)	E17	77
MC HENRY STATION Reg Id: 390844	1405 MAIN ST	E 1/4 - 1/2 (0.356 mi.)	E18	81
EMILS LIQUORS & SPOR Reg Id: 390987	1405 CALIFORNIA ST	E 1/4 - 1/2 (0.425 mi.)	F20	86

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

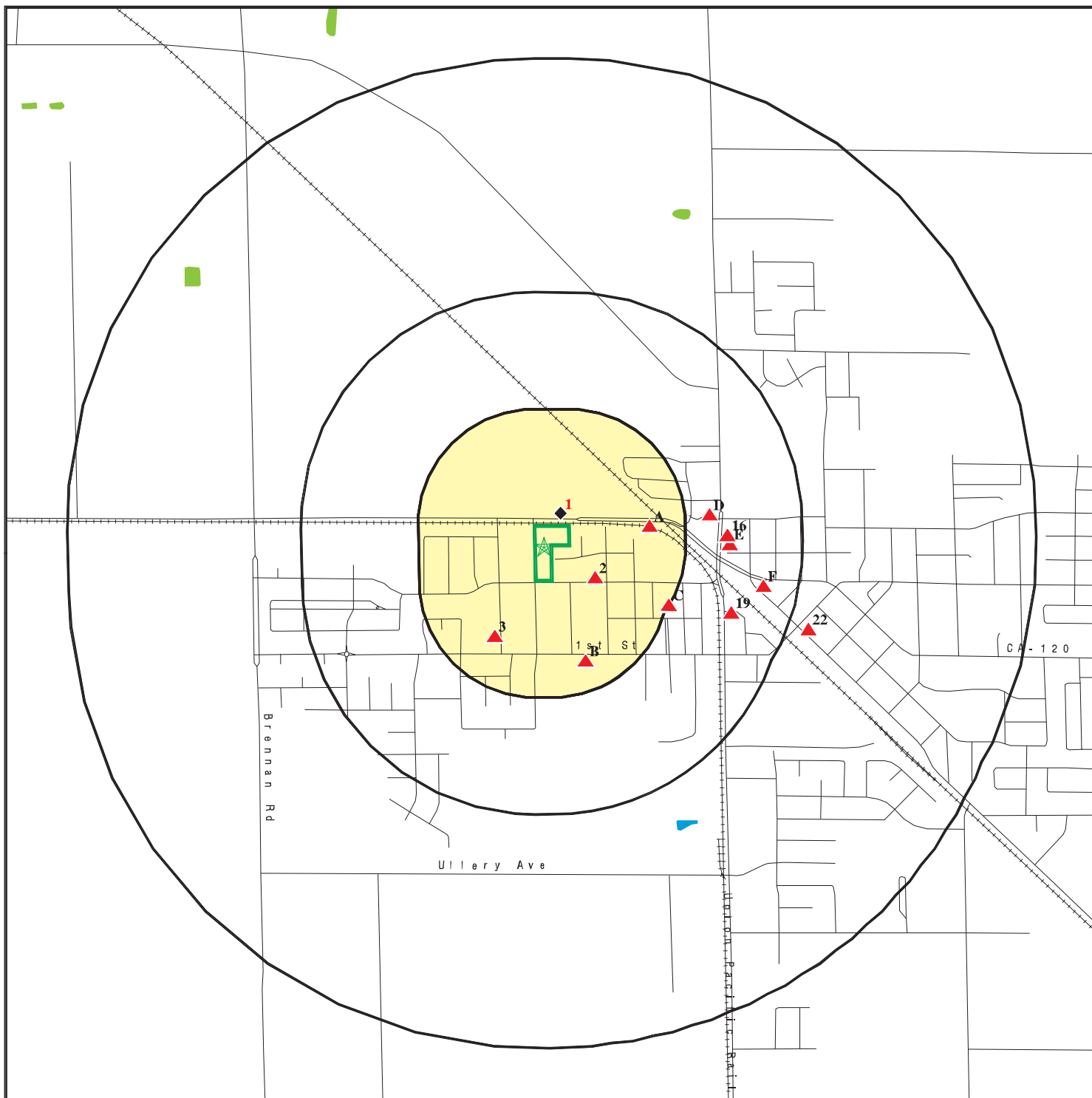
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.







<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BARN THE	25015 STATE HIGHWAY	NNE 0 - 1/8 (0.027 mi.)	1	9







EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6503137.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

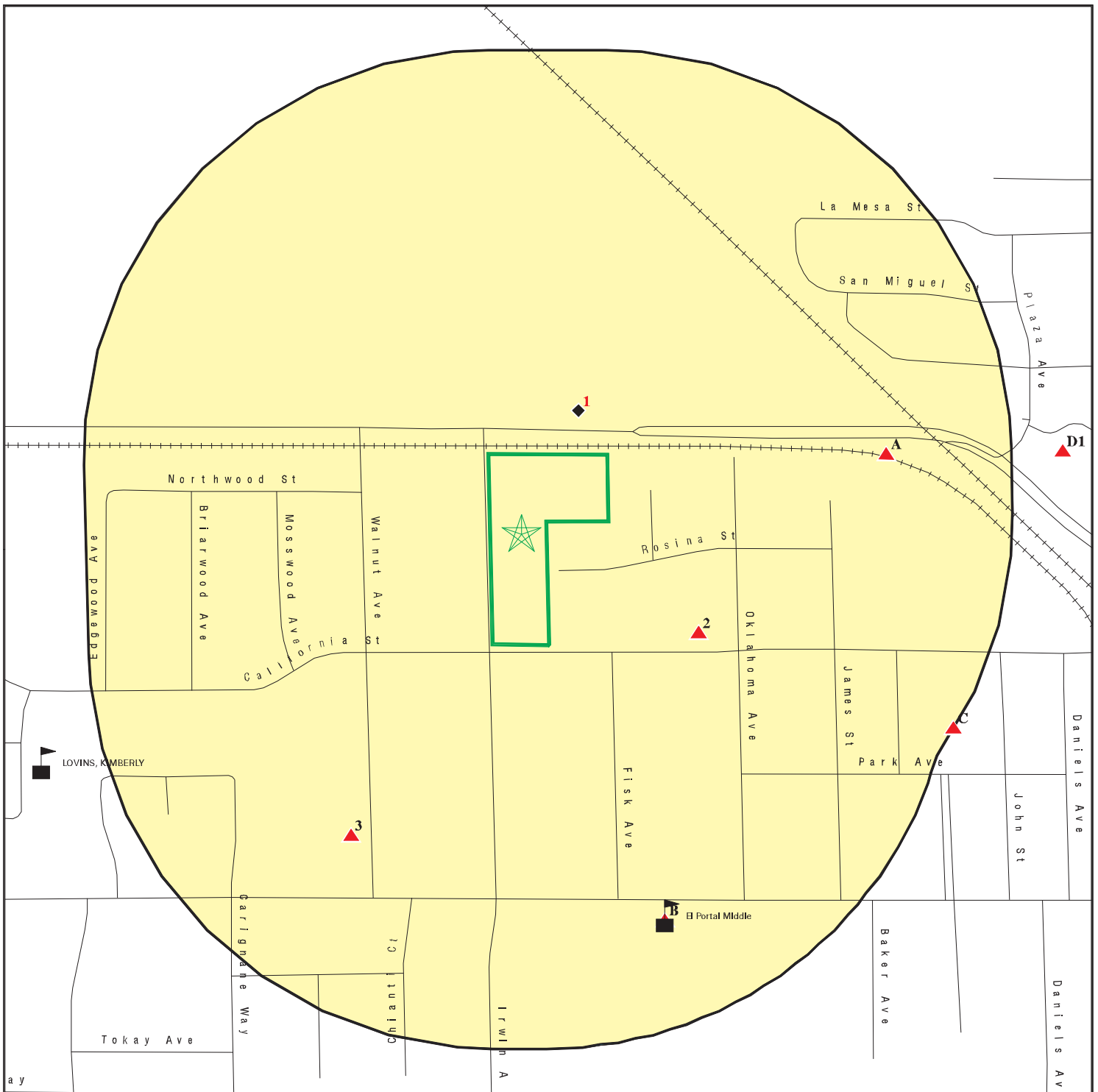









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.





SITE NAME: Irwin Village Apartments
 ADDRESS: 1310 Irwin Avenue
 Escalon CA 95320
 LAT/LONG: 37.797651 / 121.003617

CLIENT: Condor Earth Technologies, Inc
 CONTACT: Rebecca Selvage
 INQUIRY #: 6503137.2s
 DATE: May 20, 2021 6:09 pm

DETAIL MAP - 6503137.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  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.

<p>SITE NAME: Irwin Village Apartments ADDRESS: 1310 Irwin Avenue Escalon CA 95320 LAT/LONG: 37.797651 / 121.003617</p>	<p>CLIENT: Condor Earth Technologies, Inc CONTACT: Rebecca Selvage INQUIRY #: 6503137.2s DATE: May 20, 2021 6:12 pm</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	1	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	6	NR	NR	6

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 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
CPS-SLIC	0.500		0	0	1	NR	NR	1
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	1	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	2	NR	NR	NR	2
HIST UST	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	1	NR	NR	NR	1
<i>Local Land Records</i>								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	2	NR	NR	NR	3
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	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
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	6	NR	NR	6
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	7	NR	NR	7
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		0	2	11	21	1	0	35
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1
NNE
 < 1/8
 0.027 mi.
 142 ft.

BARN THE
25015 STATE HIGHWAY 120
ESCALON, CA 95320

EDR Hist Auto **1021975000**
 N/A

Relative: EDR Hist Auto
Lower

Actual:
113 ft.

Year:	Name:	Type:
2008	BARN THE	Gasoline Service Stations, NEC
2009	BARN THE	Gasoline Service Stations, NEC
2010	BARN THE	Gasoline Service Stations, NEC
2011	BARN THE	Gasoline Service Stations, NEC
2012	BARN THE	Gasoline Service Stations, NEC
2013	BARN THE	Gasoline Service Stations, NEC
2014	BARN THE	Gasoline Service Stations, NEC

2
ESE
 < 1/8
 0.088 mi.
 467 ft.

KRISHNAMOORTHY MD INC A PROFESSIONAL MEDICAL GROUP
850 CALIFORNIA ST
ESCALON, CA 95320

RCRA NonGen / NLR **1024871005**
CAL000439649

Relative:
Higher

RCRA NonGen / NLR:	
Date Form Received by Agency:	2018-10-05 00:00:00.0
Handler Name:	KRISHNAMOORTHY MD INC A PROFESSIONAL MEDICAL GROUP
Handler Address:	850 CALIFORNIA ST
Handler City,State,Zip:	ESCALON, CA 95320
EPA ID:	CAL000439649
Contact Name:	SHAMMY ANVARI
Contact Address:	2222 E ORANGEBURG AVE #A2
Contact City,State,Zip:	MODESTO, CA 95320
Contact Telephone:	209-846-0890
Contact Fax:	209-622-0393
Contact Email:	KRISHNAMOORTHYMDINC@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	850 CALIFORNIA ST
Mailing City,State,Zip:	ESCALON, CA 95320
Owner Name:	KRISHNAMOORTHY MD INC
Owner Type:	Other
Operator Name:	SHAMMY ANVARI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KRISHNAMOORTHY MD INC A PROFESSIONAL MEDICAL GROUP (Continued)

1024871005

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:31:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHAMMY ANVARI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2222 E ORANGEBURG AVE #A2
Owner/Operator City,State,Zip:	MODESTO, CA 95320
Owner/Operator Telephone:	209-846-0890

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KRISHNAMOORTHY MD INC A PROFESSIONAL MEDICAL GROUP (Continued)

1024871005

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KRISHNAMOORTHY MD INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	850 CALIFORNIA ST
Owner/Operator City,State,Zip:	ESCALON, CA 95320
Owner/Operator Telephone:	209-404-5187
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-10-05 00:00:00.0
Handler Name:	KRISHNAMOORTHY MD INC A PROFESSIONAL MEDICAL GROUP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	453998
NAICS Description:	ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES)

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Evaluation Action Summary:

Evaluations:	No Evaluations Found
--------------	----------------------

3
SSW
1/8-1/4
0.147 mi.
774 ft.

VITO BAVARO
1641 WALNUT
ESCALON, CA 95320

HIST UST **U001605493**
N/A

Relative:
Higher
Actual:
115 ft.

HIST UST:	
Name:	VITO BAVARO
Address:	1641 WALNUT
City,State,Zip:	ESCALON, CA 95320
File Number:	0002B5B0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002B5B0.pdf
Region:	STATE
Facility ID:	00000006996
Facility Type:	Other

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VITO BAVARO (Continued)

U001605493

Other Type: RESIDENCE
 Contact Name: Not reported
 Telephone: 2098381318
 Owner Name: VITO BEVARO
 Owner Address: WALNUT
 Owner City,St,Zip: ESCALON, CA 95320
 Total Tanks: 0001

Tank Num: 001
 Container Num: 1
 Year Installed: 1981
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: 12
 Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

A4
ENE
 1/8-1/4
 0.173 mi.
 912 ft.

ESCALON MINI MART
1097 YOSEMITE AVE
ESCALON, CA 95320

RCRA NonGen / NLR

1024807707
CAL000275802

Site 1 of 4 in cluster A

Relative:
Higher
Actual:
117 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 2003-10-28 00:00:00
 Handler Name: ESCALON MINI MART
 Handler Address: 1097 YOSEMITE AVE
 Handler City,State,Zip: ESCALON, CA 95320-1671
 EPA ID: CAL000275802
 Contact Name: BALWINDER SINGH
 Contact Address: 1097 YOSEMITE AVE
 Contact City,State,Zip: ESCALON, CA 95320-1671
 Contact Telephone: 209-838-1546
 Contact Fax: 209-838-1546
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 1097 YOSEMITE AVE
 Mailing City,State,Zip: ESCALON, CA 95320-1671
 Owner Name: BALWINDER SINGH
 Owner Type: Other
 Operator Name: BALWINDER SINGH
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ESCALON MINI MART (Continued)

1024807707

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:25:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BALWINDER SINGH
Legal Status:	Other
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

1024807707

Date Ended Current: Not reported
Owner/Operator Address: 494 1ST ST
Owner/Operator City,State,Zip: ESCALON, CA 95320-9696
Owner/Operator Telephone: 209-838-0756
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BALWINDER SINGH
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1097 YOSEMITE AVE
Owner/Operator City,State,Zip: ESCALON, CA 95320-1671
Owner/Operator Telephone: 209-838-1546
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2003-10-28 00:00:00.0
Handler Name: ESCALON MINI MART
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 447190
NAICS Description: OTHER GASOLINE STATIONS

NAICS Code: 45291
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A5
ENE
1/8-1/4
0.173 mi.
912 ft.

ESCALON MINI MART
1097 YOSEMITE AVE
ESCALON, CA 95320

Site 2 of 4 in cluster A

UST **U004023805**
N/A

Relative:
Higher

Actual:
117 ft.

UST:
Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
City,State,Zip: ESCALON, CA 95320
Facility ID: Not reported
Permitting Agency: San Joaquin County Environmental Health
Latitude: 37.7984
Longitude: -120.9993

Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
City,State,Zip: ESCALON, CA 95320
Facility ID: Not reported
Permitting Agency: San Joaquin County Environmental Health
Latitude: 37.7984
Longitude: -120.9993

UST SAN JOAQUIN:
Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
City,State,Zip: ESCALON, CA 95320
Region: SJ
Facility Id: FA0000279
Mail Address: 1097 E YOSEMITE AVE
Mail Address 2: Not reported
Mail Care of: Escalon Mini Mart
Mail City,St,Zip: ESCALON, CA 95320-1671

Tank Rec ID: Not reported
Tank Number: 1
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 10000
Product Type Desc: 1a - REGULAR UNLEADED
Program Element: 2380
Decode for Program Element: 2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form: (none)
CAS#: Not reported
CERS ID: 10180561
Cross Ref Tank ID: Not reported
LEA ID: 9
Common Name: REGULAR
Date Installed: Not reported
Date of Closure: Not reported
Latitude: 37.7985455323
Longitude: -120.9994820255

Tank Rec ID: Not reported
Tank Number: 2
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 10000
Product Type Desc: 1a - REGULAR UNLEADED
Program Element: 2380

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

U004023805

Decode for Program Element: 2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form: (none)
CAS#: Not reported
CERS ID: 10180561
Cross Ref Tank ID: Not reported
LEA ID: 9
Common Name: PLUS
Date Installed: Not reported
Date of Closure: Not reported
Latitude: 37.7985455323
Longitude: -120.9994820255

Tank Rec ID: Not reported
Tank Number: 3
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 10000
Product Type Desc: 1a - REGULAR UNLEADED
Program Element: 2380
Decode for Program Element: 2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form: (none)
CAS#: Not reported
CERS ID: 10180561
Cross Ref Tank ID: Not reported
LEA ID: 9
Common Name: PREMIUM
Date Installed: Not reported
Date of Closure: Not reported
Latitude: 37.7985455323
Longitude: -120.9994820255

Tank Rec ID: TA0507899
Tank Number: 4
Tank Status: 01 - Active, billable
Tank Capacity: 13000
Product Type Desc: 1a - REGULAR UNLEADED
Program Element: 2361
Decode for Program Element: 2361 - UST FACILITY
Chemical Form: (none)
CAS#: Not reported
CERS ID: 10180561
Cross Ref Tank ID: Not reported
LEA ID: 1
Common Name: Not reported
Date Installed: 5/15/1998
Date of Closure: Not reported
Latitude: 37.7985455323
Longitude: -120.9994820255

Tank Rec ID: TA0507900
Tank Number: 5
Tank Status: 01 - Active, billable
Tank Capacity: 7000
Product Type Desc: 1b - PREMIUM UNLEADED
Program Element: 2361

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

U004023805

Decode for Program Element: 2361 - UST FACILITY
Chemical Form: (none)
CAS#: Not reported
CERS ID: 10180561
Cross Ref Tank ID: Not reported
LEA ID: 1
Common Name: Not reported
Date Installed: 5/15/1998
Date of Closure: Not reported
Latitude: 37.7985455323
Longitude: -120.9994820255

**A6
ENE
1/8-1/4
0.173 mi.
912 ft.**

**ESCALON MINI MART
1097 E YOSEMITE AVE
ESCALON, CA 95320
Site 3 of 4 in cluster A**

**SWEEPS UST S106925880
N/A**

**Relative:
Higher
Actual:
117 ft.**

SWEEPS UST:
Name: ESCALON MINI MART
Address: 1097 E YOSEMITE AVE
City: ESCALON
Status: Active
Comp Number: 1497
Number: 1
Board Of Equalization: 44-024721
Referral Date: 07-13-88
Action Date: 08-30-91
Created Date: 07-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001497-000001
Tank Status: A
Capacity: 10000
Active Date: 07-13-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Name: ESCALON MINI MART
Address: 1097 E YOSEMITE AVE
City: ESCALON
Status: Active
Comp Number: 1497
Number: 1
Board Of Equalization: 44-024721
Referral Date: 07-13-88
Action Date: 08-30-91
Created Date: 07-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001497-000002
Tank Status: A
Capacity: 10000
Active Date: 07-13-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S106925880

Name: ESCALON MINI MART
Address: 1097 E YOSEMITE AVE
City: ESCALON
Status: Active
Comp Number: 1497
Number: 1
Board Of Equalization: 44-024721
Referral Date: 07-13-88
Action Date: 08-30-91
Created Date: 07-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001497-000003
Tank Status: A
Capacity: 10000
Active Date: 07-13-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

**A7
ENE
1/8-1/4
0.173 mi.
912 ft.**

**ESCALON MINI MART
1097 YOSEMITE AVE
ESCALON, CA 95320**

Site 4 of 4 in cluster A

**Relative:
Higher
Actual:
117 ft.**

CERS HAZ WASTE:
Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
City,State,Zip: ESCALON, CA 95320
Site ID: 28642
CERS ID: 10180561
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
City,State,Zip: ESCALON, CA 95320
Site ID: 28642
CERS ID: 10180561
CERS Description: Underground Storage Tank

HAZNET:
Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
Address 2: Not reported
City,State,Zip: ESCALON, CA 953201671
Contact: BALWINDER SINGH
Telephone: 2098381546
Mailing Name: Not reported
Mailing Address: 1097 YOSEMITE AVE

Year: 2017
Gepaid: CAL000275802
TSD EPA ID: CAD044429835
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

**CERS HAZ WASTE
CERS TANKS
HAZNET
CERS
HWTS**

**S113797041
N/A**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Tons: Treatment/Reovery (H010-H129) Or (H131-H135)
0.175
Year: 2012
Gepaid: CAL000275802
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2

Additional Info:

Year: 2017
Gen EPA ID: CAL000275802

Shipment Date: 20171212
Creation Date: 6/20/2018 18:31:41
Receipt Date: 20180108
Manifest ID: 006325031SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SVC INC
TSD EPA ID: CAD044429835
Trans Name: CLEAN HARBORS OF WILMINGTON LLC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CAL000275802

Shipment Date: 20120717
Creation Date: 1/9/2013 22:15:17
Receipt Date: 20120725
Manifest ID: 009893903JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSD EPA Alt ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
City,State,Zip: ESCALON, CA 95320-1671
Site ID: 466767
CERS ID: 110038079067
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: UST PO Name
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 YOSEMITE AVE
Affiliation City: ESCALON
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 E YOSEMITE AVE
Affiliation City: ESCALON
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 YOSEMITY AVE
Affiliation City: ESCALON
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
City,State,Zip: ESCALON, CA 95320

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Site ID: 28642
CERS ID: 10180561
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2015.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the local agency or the special inspector.
Violation Notes: Returned to compliance on 02/05/2015. An inspection was last done on January 9, 2014 and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted by February 9, 2014. This information has not been received resulting in a non-compliant status for this facility. A partial return to compliance documentation was received on November 7, 2014. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report. This is a repeat violation, Class II.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-21-2018
Citation: HSC 6.5 25123.3(h) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)
Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isnG t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isnG t received within 60 days of the date the waste was accepted by the initial transporter.
Violation Notes: Returned to compliance on 01/17/2019. Manifest numbers 006325031SKS were found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or

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ESCALON MINI MART (Continued)

S113797041

operator of the facility to which the generator's waste was submitted within 60 days of the date the waste was accepted by the initial transporter, the generator shall submit a legible copy of the missing manifest, with some indication that the generator has not received confirmation of delivery. This information shall be submitted to: DTSC Report Repository Generator Information Services Section P.O. Box 806 Sacramento, CA 95812-0806 Immediately locate a copy of the missing manifests or prepare and submit the required information to DTSC. Submit to the EHD a copy of the signed off copy of t

San Joaquin County Environmental Health

Violation Division: HW
Violation Program: CERS
Violation Source:

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)

Violation Description: Failure of the double wall pressurized piping in the turbine sump to be continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected.

Violation Notes: Returned to compliance on 01/08/2015. The 87-octane STP sensor failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. The technician onsite cleaned the sensor and retested with passing results. CORRECTED.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.

Violation Notes: Returned to compliance on 04/24/2017. A new designated operator was hired on since 2015 and notification was not provided to the EHD within 30 days of the change. Shawn Rodriguez, Jose Ochoa and Jason Weaver have conducted designated operator inspections and notification was not given to the EHD. Any changes shall be reported to the EHD within 30 days. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov> and upload the notification identifying all the designated operators for this facility.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-18-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code,

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EDR ID Number
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ESCALON MINI MART (Continued)

S113797041

Violation Description: Chapter 6.75, Section(s) 25299.30-25299.34
Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Notes: Returned to compliance on 01/28/2019. Current Financial responsibility documents have not been submitted to the EHD. Financial responsibility document was last signed on 2/28/17 and chief financial officer letter was last signed on 2/1/17. Current financial responsibility documents are required to be submitted annually. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, and upload the required documents.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: 23 CCR 16 2632, 2634, 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2712(b)

Violation Description: Failure to maintain monitoring and maintenance records (e.g., alarm logs) and/or maintain records of appropriate follow-up actions.

Violation Notes: Returned to compliance on 12/26/2017. Maintenance and monitoring records for the last three years were not found on site. The January 2016 monitoring system certification test results were not found on site. These records shall be maintained on site for at least three years. Monitoring records include: (1) date and time of all monitoring or sampling; (2) monitoring equipment calibration and maintenance records; (3) results of any visual observations; (4) results of sample analysis performed a lab or in the field; (5) logs of all readings of gauges or other monitoring equipment, ground water elevations, or other test results; (6) results of inventory readings and reconciliations. Immediately locate and maintain all maintenance and monitoring records for the last three years on site and submit copies to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

Violation Description: Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions

Violation Notes: Returned to compliance on 12/26/2017. Maintenance and monitoring records for the last three years were not found on site. The onsite alarm logs didn't document the following alarms: Dec 11, 2015 (91 STP sump). December 31, 2015 (87 STP sump), and December 31, 2015 (annular sensor). These records shall be maintained on site for at least three years. Monitoring records include: (1) date and time of all monitoring or sampling; (2) monitoring equipment calibration and maintenance records; (3) results of any visual observations; (4) results of sample analysis performed a lab or in the field; (5) logs of all readings of gauges or other monitoring equipment, ground water elevations, or other test results; (6) results of inventory readings and reconciliations. Immediately locate and maintain all maintenance and

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ESCALON MINI MART (Continued)

S113797041

monitoring records for the last three years on site and submit copies to the EHD. Submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.

Violation Notes: Returned to compliance on 04/24/2017. A new designated operator was hired at least a year ago and notification was not provided to the EHD within 30 days of the change. Jacob Weaver, Gabriel Vonegas, Jpse Ochoa, and James Flowers have conducted the designated operator inspections in 2015 and the notification was not provided to the EHD. Any changes shall be reported to the EHD within 30 days. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov> and upload the notification identifying all the designated operators for this facility.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-18-2018
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple

Violation Description: UST Program -General - Must include violation description, proper statute and regulation citation in the "comment" section.

Violation Notes: Returned to compliance on 12/18/2018. Liquid was observed in the 87 product, UDC 3/4, UDC 7/8 sump. If water could enter into the secondary containment by precipitation or infiltration, it must be removed and disposed of properly. The service technician removed liquid from the 87 product, UDC 3/4, UDC 7/8 sump. Ensure that all sumps and annular spaces are maintained free of liquid.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

Violation Description: Failure to submit or maintain a current facility plot plan.

Violation Notes: Returned to compliance on 12/21/2017. An accurate UST Monitoring Site Plan was not submitted. The following items were observed missing from the map: leak detectors, piping and annular sensor location. A site plan must be submitted identifying the locations where monitoring will be performed. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/> and upload a copy of the UST Monitoring Site Plan.

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ESCALON MINI MART (Continued)

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Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 07-18-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 08/22/2016. The site map was not complete.. The site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, upload the correct or updated information, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes: Returned to compliance on 12/26/2017. Maintenance and monitoring records for the last three years were not found on site. On the February 2017 designated operator monthly inspection report, the alarm history indicated that a liquid alarm occurred in the premium sump on 2/25/2017. The facility did document the alarm but failed to ensure that it was responded to appropriately. The designated operator did make sure the alarm was responded to appropriately. On the July 2017 designated operator monthly inspection report, the alarm history indicated that a liquid alarm occurred in the premium sump on 6/16/2017. The facility did not document the alarm and failed to ensure that it was responded to appropriately. These records shall be maintained on site for at least three years. Monitoring records include: (1) date and time of all monitoring or sampling; (2) monitoring equipment calibration and maintenance records; (3) results of any visual observations; (4) results of sample analysis performed a lab or [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts

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ESCALON MINI MART (Continued)

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Violation Notes: down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.
Returned to compliance on 01/08/2015. The UDC 5/6 sensor failed to stop the flow of product at the dispenser when tested, the wire to this particular sensor was disconnected/ sheared off. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. The existing sensor was reconnected and retested successfully during the inspection. This is a Class II violation. CORRECTED.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: 23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)

Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.

Violation Notes: Returned to compliance on 04/16/2015. According to Franzen-Hill Corporation, a secondary containment testing was performed on March 25, 2013 and a test report was not submitted to the EHD. A copy of the test report must be submitted within 30 days of the test. Immediately submit a copy of this test report to the EHD. This is a repeat violation, Class II.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)

Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.

Violation Notes: Returned to compliance on 04/24/2017. The 91 STP sump sensor failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. Correct immediately by having a properly licensed, trained, and certified contractor replace the failed component with a functional component (LG 113-x listed, if applicable) and obtain a permit within one business day from the EHD. If the failed component canG t be replaced immediately, there is a possibility that the 91 STP UST system may be red tagged to prevent fuel inputs.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Violation Description: 1, Section(s) 265.173
Failure to properly close hazardous waste containers when not in active use.

Violation Notes: Returned to compliance on 01/11/2016. One 55 gallon container stored next to the outdoor garbage had a lid which was not latched. All hazardous waste containers shall be closed at all times except when adding or removing waste. This container was closed at the time of inspection. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-02-2019
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple

Violation Description: UST Program -General - Must include violation description, proper statute and regulation citation in the "comment" section.

Violation Notes: Returned to compliance on 12/02/2019. OBSERVATION: Liquid was observed in the 87 and 91 STP sumps. REGULATION GUIDANCE: If water could enter into the secondary containment by precipitation or infiltration, it must be removed and disposed of properly. CORRECTIVE ACTION: The service technician removed approximately 2 gallons of liquid from the 87 and 91 STP sumps. Ensure that all sumps and annular spaces are maintained free of liquid. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections

Violation Description: UST Program - Design/Construction - General

Violation Notes: Returned to compliance on 01/08/2015.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).

MAP FINDINGS

ESCALON MINI MART (Continued)

S113797041

Violation Notes: Returned to compliance on 12/26/2017. The designated operator (DO) failed to document all the alarms from the attached alarm history on the designated monthly inspection operator reports. On the January 2017 DO report, the alarm history printout was missing. On the February 2017 DO report, Felix Ramirez (DO) failed to document an unleaded sump alarm that occurred on 3/14/2017 and a premium sump alarm that occurred on 2/25/2017. The DO did make sure that the 2/25/2017 alarm was responded to appropriately on the March 2017 DO report and that the 3/14/2017 alarm was responded to appropriately on the April 2017 DO report. Note: the time appears to be off on the monitoring panel. On the July 2017 DO report, Edward Stearns (DO) failed to document a premium sump alarm that occurred on 6/16/2017. On the 8/1/2017 report, the 5-6 dispenser alarm history is not readable. During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: HSC 6.7 25291(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(e)

Violation Description: Failure to remove, contain, analyze, and dispose of properly, water removed from the secondary containment by the owner or operator.

Violation Notes: Returned to compliance on 01/11/2016. Liquid was observed in the 91 STP sump, 87 STP sump and UDC 3/4 and UDC 7/8. If water could enter into the secondary containment by precipitation or infiltration, it must be removed and disposed of properly. The service technician removed 5 gallons of liquid from UDCs 3/4 and 7/8 and approximately 0.5 to 1 gallon of liquid from STPs 87 and 91. Ensure that all sumps and annular spaces are maintained free of liquid.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple

Violation Description: UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.

Violation Notes: Returned to compliance on 12/14/2016. Liquid was observed in the 87 STP sump and the 91 STP sump. If water could enter into the secondary containment by precipitation or infiltration, it must be removed and disposed of properly. The service technician removed 1/2 gallon of liquid from the 87 STP and 91 STP sumps. Ensure that all sumps and annular spaces are maintained free of liquid. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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ESCALON MINI MART (Continued)

S113797041

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/05/2015. Complete and/or accurate financial responsibility documents have not been submitted to the EHD. Current financial responsibility documents are required to be submitted annually. The submitted financial responsibility lacked witness's name and a signature date. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, upload the required documents. This is a repeat violation, Class II. CORRECTED.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Design/Construction - General
Violation Notes: Returned to compliance on 01/09/2014.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 12/21/2017. The monitoring plan is not current and/or not approved by the EHD. For both the 87 grade and 91 grade tanks, under UDC Monitoring Stops Flow of Product at Dispenser, "YES" needs to be changed to "NO." The monitoring plan must be uploaded to the California Environmental Reporting System (CERS). Immediately log into CERS, make the necessary changes, and submit for review by the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of sensor to be located in the proper position/location.
Violation Notes: Returned to compliance on 01/11/2016. Jumper hoses were observed inside each UDC connecting all the secondary containment spaces of the flexible product piping. Monitoring equipment shall be maintained to be able to detect a leak at the earliest possible opportunity. All

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ESCALON MINI MART (Continued)

S113797041

Violator: jumper hoses were disconnected. Ensure that all monitoring equipment is maintained to detect a leak at the earliest opportunity. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/05/2019. An inspection was last done on January 9, 2014 and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted by February 9, 2014. This information has not been received resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report.

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)

Violation Description: Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.

Violation Notes: Returned to compliance on 04/16/2015. According to an email communication from Franzen-Hill Corporation, dated April 17, 2013, some additional repairs are still necessary for the secondary containment testing failure in the UDC 3/4. All secondary containment for the UST system must be tight. Immediately have a properly licensed, trained, and certified contractor repair or replace the failed component under permit and inspection of the EHD. This is a repeat violation, Class II.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/05/2019. Manifest number 009893903JJL was found without a signed off copy from the destination facility, and manifest number 006852491JJK was not found onsite during the 2014 hazardous waste inspection. Hazardous waste generators shall retain

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ESCALON MINI MART (Continued)

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copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator's waste was submitted within 60 days of the date the waste was accepted by the initial transporter, the generator shall submit a legible copy of the missing manifest, with some indication that the generator has not received confirmation of delivery. This information shall be submitted to: DTSC Report Repository Generator Information Services Section P.O. Box 806 Sacramento, CA 95812-0806 Immediately locate a copy of the missing manifests or prepare and

San Joaquin County Environmental Health

Violation Division: HW
Violation Program: CERS
Violation Source:

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 02/05/2019. Manifest number 009893903JLL was found without a signed off copy from the destination facility, and manifest number 006852491JJK was not found onsite during the 2014 hazardous waste inspection. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator's waste was submitted within 60 days of the date the waste was accepted by the initial transporter, the generator shall submit a legible copy of the missing manifest, with some indication that the generator has not received confirmation of delivery. This information shall be submitted to: DTSC Report Repository Generator Information Services Section P.O. Box 806 Sacramento, CA 95812-0806 Immediately locate a copy of the missing manifests or prepare an

San Joaquin County Environmental Health

Violation Division: HW
Violation Program: CERS
Violation Source:

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/08/2019.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

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ESCALON MINI MART (Continued)

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Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Notes: Returned to compliance on 04/24/2017. Financial responsibility documents have not been submitted to the EHD. The submitted form is dated 11-5-2014. Current financial responsibility documents are required to be submitted annually. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, and upload the required documents.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections

Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 11/07/2014.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)

Violation Description: Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.

Violation Notes: Returned to compliance on 02/05/2019. At the time of inspection, it could not be demonstrated (not necessarily documented) that employees who handle hazardous waste were properly trained. Mr. Singh indicated that only the designated operator training was provided. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: HSC 6.7 25291(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(e)

Violation Description: Failure to remove, contain, analyze, and dispose of properly, water removed from the secondary containment by the owner or operator.

Violation Notes: Returned to compliance on 02/05/2015. Liquid was observed in the 91-octane and 87-octane STP sumps and in UDC 3/4 and UDC 7/8 . If water could enter into the secondary containment by precipitation or infiltration, it must be removed and disposed of properly. Immediately remove this liquid, make a hazardous waste determination per Title 22 hazardous waste regulations, and manage it accordingly. Ensure that all sumps are maintained free of liquid. Submit proof of correction to the EHD. This is a Class II violation.

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ESCALON MINI MART (Continued)

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Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2

Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.

Violation Notes: Returned to compliance on 02/05/2019. Ineligible waste stream was offered to be transported under the consolidated manifest program on August 7, 2013 (noted in the 2014 hazardous waste inspection report). Disposal using a consolidated manifesting procedure is not eligible for this waste. The consolidated manifesting procedure may be used if the generator does not generate more than 1000 kilograms per month of hazardous waste (excluding used oil and oil/water separator waste) and only for the following waste streams: - used oil - contents of an oil/water separator - solids contaminated with used oil - brake fluid - antifreeze - antifreeze sludge - parts cleaning solvents, including aqueous cleaning solvents - hydroxide sludge contaminated solely with metals from a wastewater treatment process - "paint-related" wastes, including paints, thinners, filters, and sludges - spent photographic solutions - dry cleaning solvents (including perchloroethylene, naphth

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)

Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.

Violation Notes: Returned to compliance on 02/05/2019. One 55 gallon container stored next to the outdoor garbage had an accumulation start date of 4-16-15. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and

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ESCALON MINI MART (Continued)

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submit a copy of the manifest to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes: Returned to compliance on 12/21/2017. An accurate UST Monitoring Site Plan was not submitted. A site plan must be submitted identifying the locations where monitoring will be performed. The submitted map lacks the legend for the utilized symbols identifying monitoring locations. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/> and upload a copy of the UST Monitoring Site Plan.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-02-2019
Citation: 23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Description: Failure to submit a copy of the secondary containment test results on the G Secondary Containment Testing report FormG to the UPA within 30 days after the test.
Violation Notes: Returned to compliance on 12/04/2019. OBSERVATION: Secondary containment testing was performed on 12/19/18 and a test report was submitted on 1/24/19, 36 days later. REGULATION GUIDANCE: A copy of the test report must be submitted within 30 days of the tests. CORRECTIVE ACTION: Take all necessary precautions to ensure testing and submittal of test reports are performed in a timely manner.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-18-2018
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 01/17/2019. The 87 product, 91 product, UDC 7/8 sump sensor were raised approximately 2-5 inches off the lowest point of the sump and not located to detect a leak at the earliest opportunity. The ULS sensor located in the 91 STP sump was raised and tied on a fiberglass pipe approximately 4-5 inches based on the service technician calculations. The ULS sensor located in the 87 STP sump was raised and tied on a fiberglass pipe approximately 3-4 inches based on the service technician calculations. The ULS sensor located in the UDC 7/8 was raised and tied with a zip tie approximately 2-3

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ESCALON MINI MART (Continued)

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inches. Monitoring equipment shall be maintained to be able to detect a leak at the earliest possible opportunity. The sensor was relocated to the lowest point of the sump by the service technician. Ensure that all monitoring equipment is maintained to detect a leak at the earliest opportunity.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)

Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 12/21/2017. An accurate UST Monitoring Site Plan was not submitted. The site map does not show the location of monitoring equipment. A site plan must be submitted identifying the locations where monitoring will be performed. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/> and upload a copy of the UST Monitoring Site Plan.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections

Violation Description: UST Program - Operations/Maintenance - General

Violation Notes: Returned to compliance on 04/16/2015.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)

Violation Description: Failure to report program data electronically.

Violation Notes: Returned to compliance on 02/05/2015. A submission to the California Electronic Reporting System (CERS) for the underground storage tank (UST) program has not been made. Beginning January 1, 2014, all businesses are required to submit all new (or any changes to existing) UST information, including: UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Owner/Operator Written Agreement (if applicable), UST Letter from Chief Financial Officer, and Owner Statement of Designated UST Operator Compliance online to the CERS at <http://cers.calepa.ca.gov>. Be sure to include any other relevant activities and required fields. This is a repeat violation, Class II. CORRECTED.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST

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ESCALON MINI MART (Continued)

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Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Notes: Returned to compliance on 04/24/2017. Financial responsibility documents have not been submitted to the EHD. Current financial responsibility documents are required to be submitted annually. Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, and upload the required documents.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665

Violation Description: Failure of the spill bucket to have a minimum capacity of five gallons.

Violation Notes: Returned to compliance on 01/27/2016. The 87 octane direct-bury spill container failed when tested. All spill containers shall have a minimum capacity of five gallons and be capable of containing a spill or overfill until it is detected or cleaned up. Immediately discontinue deposition of petroleum into this tank until the component is repaired or replaced by a properly licensed, trained, and certified contractor under permit and inspection of the EHD. If the spill container can't be replaced immediately, there is a possibility that the 87 UST system may be red tagged to prevent fuel inputs.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.

Violation Notes: Returned to compliance on 12/21/2017. A new designated operator was hired in February 2017 (approximately) and notification was not provided to the EHD within 30 days of the change. Any changes shall be reported to the EHD within 30 days. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov and upload the notification identifying all the designated operators for this facility.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

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ESCALON MINI MART (Continued)

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Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-02-2019
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 12/04/2019. OBSERVATION: The ULS sensors in UDC's 1/2 and 3/4 were observed on their side (approximately less than 45 degrees) from the lowest point of the sump and not located to detect a leak at the earliest opportunity. REGULATION GUIDANCE: Monitoring equipment shall be maintained to be able to detect a leak at the earliest possible opportunity. CORRECTIVE ACTION: The sensor was relocated to the lowest point of the sump by the service technician. Ensure that all monitoring equipment is maintained and located to detect a leak at the earliest opportunity. This was corrected on site.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/09/2014.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/08/2019.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 08-07-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 03/12/2015.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART

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ESCALON MINI MART (Continued)

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Violation Date: 12-18-2018
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 12/18/2018. Owners or operators of underground storage tanks that do not meet California Code of regulations, title 23 division 3, chapter 16 section 2635(c)(2) shall test overfill prevention equipment once by October 13th, 2018 and every 36 months thereafter; and within 30 days of the date of a repair. The site did not performed the testing by October 13th, 2018 however the service technician on site was able to conduct the overfill prevention equipment inspection on 12/18/18 while the inspector was on site. Ensure to conduct overfill prevention equipment inspection within the time frame provided by the regulation and submit test results within 30 days of performing the inspection. Ensure a 48 hour notification is provided to EHD prior to conducting the inspection.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS
Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-18-2018
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Description: "Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "

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ESCALON MINI MART (Continued)

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Violation Notes: Returned to compliance on 12/18/2018. The July 2018 and November 2018 designated operator monthly inspection reports were not found on site. Designated operator monthly inspection reports for the previous twelve months or 36 month (after October 1st, 2018) shall be retained on site. The operator was able to get a copy of the reports while the inspector was on site to correct this on site. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-02-2019
Citation: HSC 6.7 25291(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(1)

Violation Description: Failure to construct, operate, and maintain primary containment as product-tight.

Violation Notes: Returned to compliance on 12/02/2019. OBSERVATION: Observed a small amount of liquid in the 1/2, 3/4, and 7/8 UDC sumps, indicating a leak in the primary containment. REGULATION GUIDANCE: All primary containment for the UST system must be product tight. CORRECTIVE ACTION: Immediately have a properly licensed, trained, and certified contractor repair or replace the failed component(s), under permit and inspection of the EHD if necessary. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)

Violation Description: Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).

Violation Notes: Returned to compliance on 01/17/2017. The designated operator employee current training log was not found even though Bill Singh, the Owner, said training was performed. The designated operator shall train facility employees for which he or she is responsible in the proper operation and maintenance of the UST system once every 12 months. The training shall include, but is not limited to: 1. Operation of the UST system in a manner consistent with the facility's best management practices 2. Employee's role with regard to monitoring equipment as specified in the facility's monitoring plan 3. Employee's role with regard to spills and overfills as specified in the facility's response plan 4. Name of the contact person(s) for emergencies and monitoring equipment alarms Ensure that employees have been trained by the designated operator, maintain the list on site, and submit a copy of the training records to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART

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ESCALON MINI MART (Continued)

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Violation Date: 01-08-2015
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 04/16/2015. The most recent secondary containment testing results from December 19-20, 2012 indicated a failure at UDC 3/4 and UDC 5/6. All secondary containment for the UST system must be tight. A permit was obtained from the EHD on March 15, 2013 (SR0066337) to repair the aforementioned components. According to an email communication from Franzen-Hill Corporation, dated April 17, 2013, on March 25, 2013 a successful secondary containment test was conducted for the under dispenser containment (UDC) 5/6, however, some additional repairs are still necessary for the failures in UDC 3/4. The underground storage tank system shall be operated to prevent unauthorized releases. Immediately make all necessary repairs under permit and inspection from the EHD. This is a repeat violation, Class II.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 12/21/2017. UST Tank Information forms for the 87 grade and 91 grade tanks are not current in CERS. Under Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction, under Fill Components Installed, change "NO" to "YES" for striker plate/bottom protector. Any change of information must be updated in CERS within 30 days of the changes. Immediately log into CERS, update the required information, and submit for review by the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-18-2018
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes: Returned to compliance on 01/17/2019. When the inspector arrived on site on 12/18/18 to witness inside the submersible turbine sumps and under dispenser containment sumps. The inspector observed the following: Inside 87 product submersible turbine sump approximately 1-2 gallons of liquid on the side of the saddle of the tank. A ULS leak detector sensor was raised and tied around the fiberglass pipe 3-4 inches above the liquid. When the operator was asked why the sensor was raised and tied around the pipe, he responded that a person named Daine who is not a regular worker, cleaned up on 12/17/18 in the afternoon. When he was asked who opened the 87 product sump he stated

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ESCALON MINI MART (Continued)

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that he opened up for Daine, (operator was not able to provide a last name) however he stated that he did not close the sump. Operator also stated that he did not know who raised and tied the sensor. After reviewing the alarm history for the site. The 87 STP sensor has had alarms on 2/2/18, 2/28/18, 4/18/18, 5/21/18, 6/19/18, 7/15/18, 7/26/18, 12/14/18, an

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-21-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 01/17/2019. Manifest numbers 006325031SKS was found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator's waste was submitted within 60 days of the date the waste was accepted by the initial transporter, the generator shall submit a legible copy of the missing manifest, with some indication that the generator has not received confirmation of delivery. This information shall be submitted to: DTSC Report Repository Generator Information Services Section P.O. Box 806 Sacramento, CA 95812-0806 Immediately locate a copy of the missing manifests or prepare and submit the required information to DTSC. Submit to the EHD a copy of the signed off copy of t

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)

Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.

Violation Notes: Returned to compliance on 12/14/2016. The 87 STP sump sensor was on its side and the 91 STP sump sensor was not located to detect a leak at the earliest opportunity. Monitoring equipment shall be maintained to be able to detect a leak at the earliest possible opportunity. The sensor was relocated to the lowest point of the sump by the service technician. Ensure that all monitoring equipment is maintained to detect a leak at the earliest opportunity. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

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ESCALON MINI MART (Continued)

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Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 12/26/2017. An inspection was last done on 1/11/2016 and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted by 2/11/2016. This information was received late resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes: Returned to compliance on 12/26/2017. During the inspection, liquid was observed on top of the filters in the 8/7 under dispenser containment unit. Liquid was observed on the piping below the fuel filter as well. The piping and the fuel filter were wet. The technician's assistant on site put his hand on the filter and scraped his finger along the surface. There was a brown tar like substance that came off with a liquid. Both the technician, Felix Ramirez, and his assistant said that the liquid was probably coming from the fuel filter. The technician assistant wiped off the liquid on the filter. The underground storage tank system shall be operated to prevent unauthorized releases. Immediately make a determination to see where the liquid is coming from and send the repair records to EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 12/29/2017. A permit to operate the UST system has not been issued due to outstanding violations. This violations include failing to maintain records of follow up actions for alarms that occurred and an incorrect plot plan. No person may own

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ESCALON MINI MART (Continued)

S113797041

or operate an UST unless a permit for its operation has been issued by the local agency to the owner or operator of the UST system. Immediately obtain a permit to operate a UST system from the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-21-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General

Violation Notes: Returned to compliance on 01/17/2019. An inspection was last done on 1/11/16 and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted by 2/10/16. This information has not been received resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report. The following violations remain open from the January 11th, 2016: - Failed to train employees on waste handling and emergency procedures. - Failed to keep signed copy of manifests from the designated facility for three years. - Failed to comply with uniform hazardous waste manifest exception requirements - Failed to submit a writte

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-18-2018
Citation: 23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)

Violation Description: Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.

Violation Notes: Returned to compliance on 01/17/2019. Maintenance and monitoring records for the last three years were not found on site. No records were found on site for the Regular sump alarm dated 2/2/18, 7/26/18, 12/14/18, and 12/15/18. No maintenance records were found for premium sump on 6/7/18. These records shall be maintained on site for at least three years. Monitoring records include: (1) date and time of all monitoring or sampling; (2) monitoring equipment calibration and maintenance records; (3) results of any visual observations; (4) results of sample analysis performed a lab or in the field; (5) logs of all readings of gauges or other monitoring equipment, ground water elevations, or other test results; (6) results of inventory readings and reconciliations. Immediately locate and maintain all maintenance and monitoring records for the last three years on site and submit copies to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST

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ESCALON MINI MART (Continued)

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Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 07-18-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 08/22/2016. The business plan information has not been reviewed and resubmitted in the California Environmental Reporting System (CERS) annually. The last submittal date was 1/14/2015. The hazardous materials inventory shall be submitted by January 15 of each calendar year and may be submitted beginning November 1 of the previous year. Immediately log into the CERS at <http://cers.calepa.ca.gov/>, enter the correct or updated information, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2017
Citation: 23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)

Violation Description: Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.

Violation Notes: Returned to compliance on 12/13/2017. The February 2017, March 2017, July 2017 and August 2017 designated operator monthly inspection reports were not found on site during the inspection. The designated operator, Felix Ramirez, was on site during the inspection and printed them out. Designated operator monthly inspection reports for the previous twelve months shall be retained on site. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-08-2015
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637

Violation Description: Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.

Violation Notes: Returned to compliance on 04/16/2015. The most recent secondary containment testing results from December 19-20, 2012, indicated a failure at UDC 3/4 and UDC 5/6. All secondary containment for the UST system must be tight. A permit was obtained from the EHD on March 15, 2013 (SR0066337) to repair the aforementioned components. According to an email communication from Franzen-Hill Corporation, dated April 17, 2013, a successful secondary containment test was conducted for the

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ESCALON MINI MART (Continued)

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UDC 5/6 on March 25, 2013. No testing notification was provided to the EHD for testing conducted on March 25, 2013 and therefore its results were not accepted. Immediately have a properly licensed, trained, and certified contractor repair or replace the failed components in UDC 3/4 and UDC 5/6 under permit and inspection from the EHD. This is a repeat violation, Class II.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-02-2019
Citation: 23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)

Violation Description: Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.

Violation Notes: Returned to compliance on 12/02/2019. OBSERVATION: Maintenance and monitoring records for the last three years were not found on site. 2018 Overfill Prevention Equipment Inspection results were not found on site. REGULATION GUIDANCE: These records shall be maintained on site for at least three years. Monitoring records include: (1) date and time of all monitoring or sampling; (2) monitoring equipment calibration and maintenance records; (3) results of any visual observations; (4) results of sample analysis performed a lab or in the field; (5) logs of all readings of gauges or other monitoring equipment, ground water elevations, or other test results; (6) results of inventory readings and reconciliations. CORRECTIVE ACTION: Immediately locate and maintain all missing maintenance and monitoring records for the last three years on site and submit copies to the EHD. This was corrected on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)

Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.

Violation Notes: Returned to compliance on 07/28/2017. The designated operator employee training log doesn't appear to have been updated, according to Mr. Singh the training was provided. The designated operator shall train facility employees for which he or she is responsible in the proper operation and maintenance of the UST system once every 12 months. The training shall include, but is not limited to: 1. Operation of the UST system in a manner consistent with the facility's best management practices 2. Employee's role with regard to monitoring equipment as specified in the facility's monitoring plan 3. Employee's role with regard to spills and overfills as specified in the facility's

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ESCALON MINI MART (Continued)

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response plan 4. Name of the contact person(s) for emergencies and monitoring equipment alarms Ensure that employees have been trained by the designated operator, maintain the list on site, and submit a copy of the training records to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-02-2019
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)

Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: Returned to compliance on 12/04/2019. 1) A designated operator inspection was performed on March 29, 2019 and the next inspection was performed on April 29, 2019, 31 days later. The designated operator visual inspections shall be conducted within 30 days or less of the previous inspection. Ensure that all designated operator inspections are performed within the required time frames. 2) The designated operator failed to check and note all required items on the visual inspection reports. - Tank and line tightness test information was left blank. - Missing UST/Operator signature. - Overfill Prevention testing was incorrectly stated as 1/16/2019. During the visual inspection, the designated operator shall check all required testing and maintenance for the UST system have been completed and shall check all required items on the report. Ensure that designed operators performing visual inspections at this facility are including all of the required information on the reports.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-18-2018
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)

Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of

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ESCALON MINI MART (Continued)

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liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: Returned to compliance on 01/17/2019. On the 10/26/18 designated operator (DO) inspection report under No alarm history was printed during the report - Section III The DO failed to add a description to all the components marked N/A or N from section VII through XI. -Section V The owner/operator failed to provide explanation of follow-up actions that will be taken for the statement provided by the DO in section III. -Section VI The OWNER / OPERATOR failed to provide a name, signature, and date within 48 hours of receiving the DO report under the ACKNOWLEDGMENT OF COMPLIANCE ISSUES section. -Section VII The DO fail to mark yes or No for the question G Has each follow-up action of section III from the previous inspection been completed appropriately?G On the 11/13/18 designated operator (DO) inspection report under - Section III The DO failed to add a description to all the components marked N/A or N from section VII through XI. -Section VI The OWNER / OPERATOR failed to provide a name, signature, and date wit

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-09-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections

Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/09/2014.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.

Violation Notes: Returned to compliance on 07/28/2017. The designated operator failed

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ESCALON MINI MART (Continued)

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to document all the alarms from the attached alarm history on the November 24, 2015 designated operator monthly inspection report and failed to check that they were responded to appropriately; the documentation didn't indicate the date of the alarm and only listed that the alarm was for the premium sump. During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was documented and responded to appropriately, and attach a copy of the alarm history with documentation taken in response to any alarms to the monthly report. Ensure that designated operators performing monthly inspections at this facility are including all of the required information on the reports.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 12-13-2016
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)

Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.

Violation Notes: Returned to compliance on 07/20/2017. An inspection was last done on January 11, 2016 and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted by February 11, 2016. This information has not been received resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report. Violations not corrected: - HSC 25292.2 Current financial responsibility documents not submitted - CCR 2632(d)(1)(C) Plot plan/site map not submitted or failed to completely show where monitoring is performed. - CCR 27(a) Failed to inform the EHD of a change of designated operator within 30 days. - CCR [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 02/05/2019. One 55 gallon container stored next to the outdoor garbage had an incomplete label, it did have an accumulation start date of 4-16-2015. All hazardous waste containers shall be marked with the following information: - the words G

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ESCALON MINI MART (Continued)

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Hazardous WasteG - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date Immediately label this container and ensure that all containers are marked with all the required information. Since this container been on site longer than 180 days, immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Violation Date: 01-11-2016
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)

Violation Description: Failure of the double wall pressurized piping in the turbine sump to be continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected.

Violation Notes: Returned to compliance on 01/27/2016. The 91 octane STP sensor failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. Correct immediately by having a properly licensed, trained, and certified contractor replace the failed component with a functional component (LG 113-x listed, if applicable) and obtain a permit within one business day from the EHD. If the failed component canG t be replaced immediately, there is a possibility that the 91 UST system may be red tagged to prevent fuel inputs.

Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: This is a revised report issued on March 24, 2015 and it supersedes all previously issued reports. No additional violations were added to the existing report issued on January 13, 2015. A checklist of findings was left onsite at the time of inspection, a full report was issued on January 13, 2015 and mailed to the facility via certified mail on January 14, 2015. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by February 13, 2015. Consent to perform the inspection, take photos and collect samples was given by Sheri Blackui, the store manager. This facilityG s designated operator is Lyle Meeks (ICC expiration date: 1-18-2015) . The service technician was Reuben Gallindo (ICC expiration date: April 12, 2015), who had the following manufacturerG s certifications: VMI- October 21, 2015 and FF-February 26, [Truncated]

Eval Division: San Joaquin County Environmental Health
Eval Program: UST

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ESCALON MINI MART (Continued)

S113797041

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 2-11-16. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov>. Be sure to include your hazardous waste activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.

Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 2-11-16. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS.
Notes: The 87 octane spill container doesn't have a functioning drain valve. According to the onsite technician the existing drain valve is broken. The facility had a portable pump onsite.

Eval Division: San Joaquin County Environmental Health
Eval Program: UST

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EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 8/17/2016. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov>. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.

Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-07-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by December 31, 2019. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420. NOTE: The annual monitoring system certification and leak detector testing were performed today, 12/2/2019 but Spill Container Testing was not completed. Spill Container Testing is required to be completed by 12/31/2019. Immediately schedule this test and provide 48 hours notification to the EHD. Please be aware that all EHD staff time associated with a follow up inspection will be billed at our current hourly rate (\$152). Documents provided during inspection: -Return to compliance certification -Corrective Action Statement -EHD class schedule

Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

that have been or will be taken for each violation, and any supporting paperwork, by January 12, 2017. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS.

NOTES: - Verified all sensors at lowest point

Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2017

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by January 12, 2018. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS.

Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2018

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. Document reviewed: Monitoring system certification test results from 2016, 2017, Secondary containment 2015, employee training, response plan, maintenance records, monitoring plan, financial responsibility documents and designated operator monthly inspection reports from December 2018- November 2018. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report. NOTE: This site had the monitoring system certification on 12/18/18, the inspector witness inside the sumps on that date and completed the routine inspection on today's date. This is the complete report and shall preside over the checklist pro

Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Eval Date: 12-18-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator at the time of inspection. The inspector will provide a complete report to the facility operator within the next few weeks. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report. The service technician could not provide manufacturer certification for the EBW monitoring panel at the time of the inspection. Please provide certification to the EHD immediately.

Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by January 20th, 2019. Documents provided: Class schedule, return to compliance certificate, sample of proper hazardous waste label. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420. NOTE: Facility has documentation of towels used to clean Under dispenser containment sumps are launder by Aramark twice a month.

Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 28642
Site Name: ESCALON MINI MART
Site Address: 1097 YOSEMITE AVE
Site City: ESCALON
Site Zip: 95320
Enf Action Date: 01-08-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Site Address: 1097 YOSEMITE AVE
Site City: ESCALON
Site Zip: 95320
Enf Action Date: 01-09-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS
Site ID:	28642
Site Name:	ESCALON MINI MART
Site Address:	1097 YOSEMITE AVE
Site City:	ESCALON
Site Zip:	95320
Enf Action Date:	01-09-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS
Site ID:	28642
Site Name:	ESCALON MINI MART
Site Address:	1097 YOSEMITE AVE
Site City:	ESCALON
Site Zip:	95320
Enf Action Date:	01-11-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS
Site ID:	28642
Site Name:	ESCALON MINI MART
Site Address:	1097 YOSEMITE AVE
Site City:	ESCALON
Site Zip:	95320
Enf Action Date:	01-11-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS
Site ID:	28642
Site Name:	ESCALON MINI MART
Site Address:	1097 YOSEMITE AVE
Site City:	ESCALON
Site Zip:	95320
Enf Action Date:	02-17-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Repairs and retest of secondary containment completed by April 15, 2015.
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Site ID: 28642
Site Name: ESCALON MINI MART
Site Address: 1097 YOSEMITE AVE
Site City: ESCALON
Site Zip: 95320
Enf Action Date: 07-18-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Site Address: 1097 YOSEMITE AVE
Site City: ESCALON
Site Zip: 95320
Enf Action Date: 08-07-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Site Address: 1097 YOSEMITE AVE
Site City: ESCALON
Site Zip: 95320
Enf Action Date: 12-13-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 28642
Site Name: ESCALON MINI MART
Site Address: 1097 YOSEMITE AVE
Site City: ESCALON
Site Zip: 95320
Enf Action Date: 12-13-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:

Site ID: 28642
Facility Name: ESCALON MINI MART
Env Int Type Code: HWG
Program ID: 10180561

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.798615
Longitude: -121.002033

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: San Joaquin Cnty Env Health
Entity Title: Not reported
Affiliation Address: 1868 East Hazelton Avenue
Affiliation City: Stockton
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95205-6232
Affiliation Phone: (209) 468-3420

Affiliation Type Desc: Environmental Contact
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 E Yosemite ave
Affiliation City: Escalon
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: SINGH, BALWINDER
Entity Title: Not reported
Affiliation Address: 1097 E YOSEMITE AVE
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95320-1671
Affiliation Phone: (209) 838-1546

Affiliation Type Desc: Parent Corporation
Entity Name: Escalon Mini Mart
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Baban Kaur
Entity Title: Daughter
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (209) 838-1546

Affiliation Type Desc: Facility Mailing Address

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1097 E YOSEMITE AVE
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95320-1671
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Escalon Mini Mart
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (209) 838-1546

Affiliation Type Desc: UST Tank Operator
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 YOSEMITE AVE
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95320
Affiliation Phone: (209) 838-1546

Affiliation Type Desc: Identification Signer
Entity Name: Baban Kaur
Entity Title: Daughter
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 YOSEMITE AVE
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95320
Affiliation Phone: (209) 838-1546

Affiliation Type Desc: Property Owner
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 Yosemite ave
Affiliation City: Escalon
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95320

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Affiliation Phone: (209) 838-1546

Affiliation Type Desc: UST Property Owner Name
Entity Name: Balwinder Singh
Entity Title: Not reported
Affiliation Address: 1097 YOSEMITE AVE
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95320
Affiliation Phone: (209) 838-1546

HWTS:

Name: ESCALON MINI MART
Address: 1097 YOSEMITE AVE
Address 2: Not reported
City,State,Zip: ESCALON, CA 953201671
EPA ID: CAL000275802
Inactive Date: Not reported
Create Date: 10/28/2003
Last Act Date: 12/16/2020
Mailing Name: Not reported
Mailing Address: 1097 YOSEMITE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: ESCALON, CA 953201671
Owner Name: BALWINDER SINGH
Owner Address: 494 1ST ST
Owner Address 2: Not reported
Owner City,State,Zip: ESCALON, CA 953209696
Contact Name: BALWINDER SINGH
Contact Address: 1097 YOSEMITE AVE
Contact Address 2: Not reported
City,State,Zip: ESCALON, CA 95320

NAICS:

EPA ID: CAL000275802
Create Date: 2017-10-26 11:25:36.060
NAICS Code: 447190
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2003-10-28 08:59:03.90700
Inactive Date: Not reported
Facility Name: ESCALON MINI MART
Facility Address: 1097 YOSEMITE AVE
Facility Address 2: Not reported
Facility City: ESCALON
Facility County: Not reported
Facility State: CA
Facility Zip: 953201671

EPA ID: CAL000275802
Create Date: 2003-10-28 08:59:03.940
NAICS Code: 45291
NAICS Description: Warehouse Clubs and Superstores
Issued EPA ID Date: 2003-10-28 08:59:03.90700
Inactive Date: Not reported
Facility Name: ESCALON MINI MART

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ESCALON MINI MART (Continued)

S113797041

Facility Address: 1097 YOSEMITE AVE
 Facility Address 2: Not reported
 Facility City: ESCALON
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 953201671

B8
SSE
 1/8-1/4
 0.184 mi.
 974 ft.

EL PORTAL MIDDLE SCHOOL
805 FIRST STREET
ESCALON, CA 95320

RCRA NonGen / NLR

1024747571
CAC002967348

Site 1 of 2 in cluster B

Relative:
Higher
Actual:
117 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 2018-06-20 00:00:00.0
 Handler Name: EL PORTAL MIDDLE SCHOOL
 Handler Address: 805 FIRST STREET
 Handler City,State,Zip: ESCALON, CA 95320
 EPA ID: CAC002967348
 Contact Name: RICK JOHN
 Contact Address: 1520 E YOSEMITE AVE.
 Contact City,State,Zip: ESCALON, CA 95320
 Contact Telephone: 209-838-3165
 Contact Fax: 209-838-9968
 Contact Email: CSIPES@SJCOE.NET
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 1520 E YOSEMITE AVE.
 Mailing City,State,Zip: ESCALON, CA 95320
 Owner Name: ESCALON UNIFIED SCHOOL DISTRICT
 Owner Type: Other
 Operator Name: RICK JOHN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EL PORTAL MIDDLE SCHOOL (Continued)

1024747571

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:13:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESCALON UNIFIED SCHOOL DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1520 E YOSEMITE AVE.
Owner/Operator City,State,Zip:	ESCALON, CA 95320
Owner/Operator Telephone:	209-838-3591
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICK JOHN
Legal Status:	Other

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EL PORTAL MIDDLE SCHOOL (Continued)

1024747571

Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 1520 E YOSEMITE AVE.
 Owner/Operator City,State,Zip: ESCALON, CA 95320
 Owner/Operator Telephone: 209-838-3165
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2018-06-20 00:00:00.0
 Handler Name: EL PORTAL MIDDLE SCHOOL
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 611110
 NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B9
SSE
 1/8-1/4
 0.184 mi.
 974 ft.

ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
805 1ST ST
ESCALON, CA 95320
 Site 2 of 2 in cluster B

RCRA-SQG 1000149266
FINDS CAD981998040
ECHO
HAZNET
HWTS

Relative:
Higher
Actual:
117 ft.

RCRA-SQG:
 Date Form Received by Agency: 1987-06-10 00:00:00.0
 Handler Name: ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
 Handler Address: 805 1ST ST
 Handler City,State,Zip: ESCALON, CA 95320
 EPA ID: CAD981998040
 Contact Name: ENVIRONMENTAL MANAGER
 Contact Address: 805 1ST ST
 Contact City,State,Zip: ESCALON, CA 95320
 Contact Telephone: 209-838-3591
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE (Continued)

1000149266

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	5
Mailing Address:	1ST ST
Mailing City,State,Zip:	ESCALON, CA 95320
Owner Name:	ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
Owner Type:	District
Operator Name:	NOT REQUIRED
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE (Continued)

1000149266

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2000-09-15 17:30:02.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
Legal Status: District
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: District
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1987-06-10 00:00:00.0
Handler Name: ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE (Continued)

1000149266

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002771509

Click Here:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000149266
Registry ID: 110002771509
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002771509>
Name: ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
Address: 805 1ST ST
City,State,Zip: ESCALON, CA 95320

HAZNET:

Name: ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
Address: 805 1ST ST
Address 2: Not reported
City,State,Zip: ESCALON, CA 953200000
Contact: INACT PER LETTER 12/2/94 FROM
Telephone: 2098383591
Mailing Name: Not reported
Mailing Address: 805 1ST ST

Year: 1993
Gepaid: CAD981998040
TSD EPA ID: CAD990794133
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: -
Tons: 4.214

Year: 1989
Gepaid: CAD981998040
TSD EPA ID: AZC000000150
CA Waste Code: -
Disposal Method: -
Tons: 0.2107

Additional Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE (Continued)

1000149266

Year: 1993
Gen EPA ID: CAD981998040

Shipment Date: 19930730
Creation Date: 9/9/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 92640283
Trans EPA ID: CAD981455520
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD990794133
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 4.214
Waste Quantity: 5
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: ESCALON UNIFIED SCHOOL EL PORTAL MIDDLE
Address: 805 1ST ST
Address 2: Not reported
City,State,Zip: ESCALON, CA 953200000
EPA ID: CAD981998040
Inactive Date: 12/02/1994
Create Date: 06/17/1988
Last Act Date: 08/30/2010
Mailing Name: Not reported
Mailing Address: 805 1ST ST
Mailing Address 2: Not reported
Mailing City,State,Zip: ESCALON, CA 953200000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: INACT PER LETTER 12/2/94 FROM
Contact Address: MICHAEL CARTER
Contact Address 2: Not reported
City,State,Zip: ESCALON, CA 953200000

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

C10
ESE
1/8-1/4
0.249 mi.
1313 ft.

HOLTZ
1100 PARK AVE
ESCALON, CA 95320

Site 1 of 2 in cluster C

UST **U004024005**
N/A

Relative:
Higher

Actual:
117 ft.

UST SAN JOAQUIN:
Name: HOLTZ
Address: 1100 PARK AVE
City,State,Zip: ESCALON, CA 95320
Region: SJ
Facility Id: FA0005306
Mail Address: PO BOX 92
Mail Address 2: Not reported
Mail Care of: STAN HOLTZ
Mail City,St,Zip: ESCALON, CA 95320

Tank Rec ID: TA0502042
Tank Number: 1
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 350
Product Type Desc: 09 - OTHER PETROLEUM
Program Element: 2323
Decode for Program Element: 2323 - ADDITIONAL FARM TANK #1 - obsolete
Chemical Form: (none)
CAS#: Not reported
CERS ID: Not reported
Cross Ref Tank ID: Not reported
LEA ID: 9
Common Name: Not reported
Date Installed: Not reported
Date of Closure: Not reported
Latitude: Not reported
Longitude: Not reported

C11
ESE
1/8-1/4
0.249 mi.
1313 ft.

HOLTZ
1100 PARK
ESCALON, CA 95320

Site 2 of 2 in cluster C

SWEEPS UST **U001605351**
HIST UST **N/A**

Relative:
Higher

Actual:
117 ft.

SWEEPS UST:
Name: HOLTZ
Address: 1100 PARK
City: ESCALON
Status: Not reported
Comp Number: 2164
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-002164-000001
Tank Status: Not reported
Capacity: 350
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOLTZ (Continued)

U001605351

Number Of Tanks: 1

HIST UST:

Name: HOLTZ
 Address: 1100 PARK
 City,State,Zip: ESCALON, CA 95320
 File Number: 0002B3A7
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002B3A7.pdf>
 Region: STATE
 Facility ID: 00000015464
 Facility Type: Other
 Other Type: FAMILTY USE
 Contact Name: OWNER
 Telephone: 2098383217
 Owner Name: STAN HOLTZ
 Owner Address: 1100 PARK
 Owner City,St,Zip: ESCALON, CA 95320
 Total Tanks: 0001

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Container Construction Thickness: 1/4
 Leak Detection: None

[Click here for Geo Tracker PDF:](#)

D12
East
1/4-1/2
0.282 mi.
1488 ft.

SIERRA BAIT & LIQUOR
1213 YOSEMITE
ESCALON, CA 95320
Site 1 of 3 in cluster D

LUST **S103891956**
Cortese **N/A**
HIST CORTESE
CERS

Relative:
Higher
Actual:
117 ft.

LUST:
 Name: SIERRA BAIT & LIQUOR
 Address: 1213 YOSEMITE
 City,State,Zip: ESCALON, CA 95320
 Lead Agency: SAN JOAQUIN COUNTY
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700876
 Global Id: T0607700876
 Latitude: 37.798266
 Longitude: -120.99746
 Status: Completed - Case Closed
 Status Date: 05/26/1999
 Case Worker: Not reported
 RB Case Number: 391060
 Local Agency: Not reported
 File Location: Not reported
 Local Case Number: 0001394
 Potential Media Affect: Under Investigation
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA BAIT & LIQUOR (Continued)

S103891956

LUST:

Global Id: T0607700876
Contact Type: Regional Board Caseworker
Contact Name: Alan Buehler
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: alan.buehler@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0607700876
Action Type: Other
Date: 05/13/1999
Action: Leak Discovery

Global Id: T0607700876
Action Type: Other
Date: 05/13/1999
Action: Leak Reported

LUST:

Global Id: T0607700876
Status: Open - Case Begin Date
Status Date: 05/13/1999

Global Id: T0607700876
Status: Open - Site Assessment
Status Date: 05/13/1999

Global Id: T0607700876
Status: Completed - Case Closed
Status Date: 05/26/1999

LUST REG 5:

Name: SIERRA BAIT & LIQUOR
Address: 1213 YOSEMITE
City: ESCALON
Region: 5
Status: Case Closed
Case Number: 391060
Case Type: Undefined
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: N/A

CORTESE:

Name: SIERRA BAIT & LIQUOR
Address: 1213 YOSEMITE
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Envirostor Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA BAIT & LIQUOR (Continued)

S103891956

Global ID: T0607700876
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: SIERRA BAIT & LIQUOR
edr_fadd1: 1213 YOSEMITE
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 391060

CERS:

Name: SIERRA BAIT & LIQUOR
Address: 1213 YOSEMITE
City,State,Zip: ESCALON, CA 95320
Site ID: 232996
CERS ID: T0607700876
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D13 **ESCALON SCHOOL BUS GARAGE**
ENE **1176 YOSEMITE**
1/4-1/2 **ESCALON, CA 95320**
0.302 mi.
1597 ft. **Site 2 of 3 in cluster D**

HIST CORTESE **S102429262**
N/A

Relative: HIST CORTESE:
Higher edr_fname: ESCALON SCHOOL BUS GARAGE
 edr_fadd1: 1176 YOSEMITE
Actual: City,State,Zip: ESCALON, CA 95320
118 ft. Region: CORTESE
 Facility County Code: 39
 Reg By: LTNKA
 Reg Id: 390884

D14 **SOUTH COMPANY FOOD & FUEL**
East **1305 ESCALON**
1/4-1/2 **ESCALON, CA 95320**
0.304 mi.
1607 ft. **Site 3 of 3 in cluster D**

LUST **S103480214**
SWEEPS UST **N/A**
Cortese
HIST CORTESE
CERS

Relative: LUST:
Higher Name: ARCO - S. COUNTY FOOD & FUEL
Actual: Address: 1305 ESCALON AVE
118 ft. City,State,Zip: ESCALON, CA 95320
 Lead Agency: SAN JOAQUIN COUNTY
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700842
 Global Id: T0607700842
 Latitude: 37.798406359
 Longitude: -120.996875775
 Status: Completed - Case Closed
 Status Date: 11/22/2005
 Case Worker: Not reported
 RB Case Number: 391022
 Local Agency: Not reported
 File Location: Local Agency
 Local Case Number: 1487
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
Global Id: T0607700842
Contact Type: Regional Board Caseworker
Contact Name: Alan Buehler
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: alan.buehler@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0607700842
Action Type: Other
Date: 09/04/1998
Action: Leak Discovery

Global Id: T0607700842
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COMPANY FOOD & FUEL (Continued)

S103480214

Date: 02/22/1999
Action: Leak Reported

Global Id: T0607700842
Action Type: ENFORCEMENT
Date: 09/17/1998
Action: Notice of Responsibility

Global Id: T0607700842
Action Type: REMEDIATION
Date: 03/29/2002
Action: Soil Vapor Extraction (SVE)

LUST:

Global Id: T0607700842
Status: Open - Case Begin Date
Status Date: 09/04/1998

Global Id: T0607700842
Status: Open - Site Assessment
Status Date: 09/04/1998

Global Id: T0607700842
Status: Open - Site Assessment
Status Date: 02/12/1999

Global Id: T0607700842
Status: Open - Site Assessment
Status Date: 04/29/1999

Global Id: T0607700842
Status: Open - Remediation
Status Date: 02/05/2002

Global Id: T0607700842
Status: Completed - Case Closed
Status Date: 11/22/2005

LUST REG 5:

Name: ARCO - S. COUNTY FOOD & FUEL
Address: 1305 ESCALON AVE
City: ESCALON
Region: 5
Status: Case Closed
Case Number: 391022
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: 5

SWEEPS UST:

Name: SOUTH COMPANY FOOD & FUEL
Address: 1305 ESCALON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COMPANY FOOD & FUEL (Continued)

S103480214

City: ESCALON
Status: Active
Comp Number: 1487
Number: 1
Board Of Equalization: 44-006773
Referral Date: 05-13-92
Action Date: 05-13-92
Created Date: 07-12-88
Owner Tank Id: 001
SWRCB Tank Id: 39-000-001487-000001
Tank Status: A
Capacity: 10000
Active Date: 05-13-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Name: SOUTH COMPANY FOOD & FUEL
Address: 1305 ESCALON
City: ESCALON
Status: Active
Comp Number: 1487
Number: 1
Board Of Equalization: 44-006773
Referral Date: 05-13-92
Action Date: 05-13-92
Created Date: 07-12-88
Owner Tank Id: 002
SWRCB Tank Id: 39-000-001487-000002
Tank Status: A
Capacity: 8000
Active Date: 05-13-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: SOUTH COMPANY FOOD & FUEL
Address: 1305 ESCALON
City: ESCALON
Status: Active
Comp Number: 1487
Number: 1
Board Of Equalization: 44-006773
Referral Date: 05-13-92
Action Date: 05-13-92
Created Date: 07-12-88
Owner Tank Id: 003
SWRCB Tank Id: 39-000-001487-000003
Tank Status: A
Capacity: 10000
Active Date: 05-13-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COMPANY FOOD & FUEL (Continued)

S103480214

CORTESE:

Name: ARCO - S. COUNTY FOOD & FUEL
Address: 1305 ESCALON AVE
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700842
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: ARCO - S. COUNTY FOOD & F
edr_fadd1: 1305 ESCALON
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 391022

CERS:

Name: ARCO - S. COUNTY FOOD & FUEL
Address: 1305 ESCALON AVE
City,State,Zip: ESCALON, CA 95320
Site ID: 252837
CERS ID: T0607700842
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

E15 **EZ GAS/MINIMART**
East **1405 MCHENRY**
1/4-1/2 **ESCALON, CA 95320**
0.313 mi.
1654 ft. **Site 1 of 3 in cluster E**

LUST **S105023672**
Cortese **N/A**
HIST CORTESE
CERS

Relative:
Higher
Actual:
117 ft.

LUST:
 Name: EZ GAS/MINIMART
 Address: 1405 MC HENRY AVE S
 City,State,Zip: ESCALON, CA 95320
 Lead Agency: SAN JOAQUIN COUNTY
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700201
 Global Id: T0607700201
 Latitude: 37.797113839
 Longitude: -120.9966747
 Status: Completed - Case Closed
 Status Date: 10/19/1990
 Case Worker: Not reported
 RB Case Number: 390276
 Local Agency: Not reported
 File Location: Not reported
 Local Case Number: 1489
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
 Global Id: T0607700201
 Contact Type: Regional Board Caseworker
 Contact Name: Alan Buehler
 Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
 Address: 11020 SUN CENTER DRIVE #200
 City: RANCHO CORDOVA
 Email: alan.buehler@waterboards.ca.gov
 Phone Number: Not reported

LUST:
 Global Id: T0607700201
 Action Type: Other
 Date: 07/14/1989
 Action: Leak Discovery

Global Id: T0607700201
 Action Type: Other
 Date: 07/31/1989
 Action: Leak Reported

LUST:
 Global Id: T0607700201
 Status: Open - Case Begin Date
 Status Date: 07/14/1989

Global Id: T0607700201
 Status: Open - Site Assessment
 Status Date: 07/31/1989

Global Id: T0607700201
 Status: Completed - Case Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EZ GAS/MINIMART (Continued)

S105023672

Status Date: 10/19/1990

LUST REG 5:

Name: EZ GAS/MINIMART
Address: 1405 MC HENRY AVE S
City: ESCALON
Region: 5
Status: Case Closed
Case Number: 390276
Case Type: Soil only
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: N/A

CORTESE:

Name: EZ GAS/MINIMART
Address: 1405 MC HENRY AVE S
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700201
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: EZ GAS/MINIMART
edr_fadd1: 1405 MCHENRY
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 390276

CERS:

Name: EZ GAS/MINIMART
Address: 1405 MC HENRY AVE S

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EZ GAS/MINIMART (Continued)

S105023672

City,State,Zip: ESCALON, CA 95320
Site ID: 240889
CERS ID: T0607700201
CERS Description: Leaking Underground Storage Tank Cleanup Site
Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**16
East
1/4-1/2
0.339 mi.
1790 ft.**

**RESIDENCE
1336 ESCALON AVENUE
ESCALON, CA 95320**

**CPS-SLIC
CERS
S117897985
N/A**

**Relative:
Higher
Actual:
118 ft.**

CPS-SLIC:
Name: RESIDENCE
Address: 1336 ESCALON AVENUE
City,State,Zip: ESCALON, CA 95320
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 04/07/2015
Global Id: T10000006627
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 37.79806
Longitude: -120.99635
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Not reported
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Impacted soils removed by excavation. May 18, 2011:No further action issued by San Joaquin County Environmental Health Department.

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

CERS:
Name: RESIDENCE
Address: 1336 ESCALON AVENUE
City,State,Zip: ESCALON, CA 95320
Site ID: 275469
CERS ID: T10000006627
CERS Description: Cleanup Program Site

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

E17
East
1/4-1/2
0.344 mi.
1815 ft.

MC DOWELL & FRANK TOW & REPAIR
1360 ESCALON AVENUE
ESCALON, CA 95320
Site 2 of 3 in cluster E

LUST **S103976816**
SWEEPS UST **N/A**
HIST UST
Cortese
HIST CORTESE
CERS

Relative:
Higher
Actual:
118 ft.

LUST:

Name: MC DOWELL SHELL & TOWING
 Address: 1360 ESCALON AVE
 City,State,Zip: ESCALON, CA 95320
 Lead Agency: SAN JOAQUIN COUNTY
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700889
 Global Id: T0607700889
 Latitude: 37.797789192
 Longitude: -120.9966107
 Status: Completed - Case Closed
 Status Date: 05/21/2004
 Case Worker: Not reported
 RB Case Number: 391073
 Local Agency: Not reported
 File Location: Local Agency
 Local Case Number: 1486
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:

Global Id: T0607700889
 Contact Type: Regional Board Caseworker
 Contact Name: Alan Buehler
 Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
 Address: 11020 SUN CENTER DRIVE #200
 City: RANCHO CORDOVA
 Email: alan.buehler@waterboards.ca.gov
 Phone Number: Not reported

LUST:

Global Id: T0607700889
 Action Type: Other
 Date: 08/06/1999
 Action: Leak Discovery

Global Id: T0607700889
 Action Type: Other
 Date: 08/11/1999
 Action: Leak Reported

Global Id: T0607700889
 Action Type: ENFORCEMENT
 Date: 09/09/1999
 Action: Notice of Responsibility

LUST:

Global Id: T0607700889
 Status: Open - Case Begin Date
 Status Date: 08/06/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC DOWELL & FRANK TOW & REPAIR (Continued)

S103976816

Global Id: T0607700889
Status: Open - Site Assessment
Status Date: 08/06/1999

Global Id: T0607700889
Status: Open - Site Assessment
Status Date: 01/28/2000

Global Id: T0607700889
Status: Completed - Case Closed
Status Date: 05/21/2004

LUST REG 5:

Name: MC DOWELL SHELL & TOWING
Address: 1360 ESCALON AVE
City: ESCALON
Region: 5
Status: Case Closed
Case Number: 391073
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: 4

SWEEPS UST:

Name: MCDOWELL TOWING & AUTO REPAIR
Address: 1360 ESCALON AVE
City: ESCALON
Status: Active
Comp Number: 1486
Number: 2
Board Of Equalization: 44-024717
Referral Date: 04-21-92
Action Date: 04-21-92
Created Date: 07-12-88
Owner Tank Id: 001
SWRCB Tank Id: 39-000-001486-000001
Tank Status: A
Capacity: 7500
Active Date: 04-21-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Name: MCDOWELL TOWING & AUTO REPAIR
Address: 1360 ESCALON AVE
City: ESCALON
Status: Active
Comp Number: 1486
Number: 2
Board Of Equalization: 44-024717
Referral Date: 04-21-92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC DOWELL & FRANK TOW & REPAIR (Continued)

S103976816

Action Date: 04-21-92
Created Date: 07-12-88
Owner Tank Id: 002
SWRCB Tank Id: 39-000-001486-000002
Tank Status: A
Capacity: 5000
Active Date: 04-21-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: MCDOWELL TOWING & AUTO REPAIR
Address: 1360 ESCALON AVE
City: ESCALON
Status: Active
Comp Number: 1486
Number: 2
Board Of Equalization: 44-024717
Referral Date: 04-21-92
Action Date: 04-21-92
Created Date: 07-12-88
Owner Tank Id: 003
SWRCB Tank Id: 39-000-001486-000003
Tank Status: A
Capacity: 5000
Active Date: 04-21-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: MCDOWELL TOWING & AUTO REPAIR
Address: 1360 ESCALON AVE
City: ESCALON
Status: Active
Comp Number: 1486
Number: 2
Board Of Equalization: 44-024717
Referral Date: 04-21-92
Action Date: 04-21-92
Created Date: 07-12-88
Owner Tank Id: 004
SWRCB Tank Id: 39-000-001486-000004
Tank Status: A
Capacity: 500
Active Date: 04-21-92
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

Name: MCDONELL AND FRANK TOWING AND AUTO
Address: 1360 ESCALON AVE
City,State,Zip: ESCALON, CA 95720
File Number: 0002FBD7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC DOWELL & FRANK TOW & REPAIR (Continued)

S103976816

URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002FBD7.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

CORTESE:

Name: MC DOWELL SHELL & TOWING
Address: 1360 ESCALON AVE
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700889
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: MC DOWELL SHELL & towing
edr_fadd1: 1360 ESCALON
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC DOWELL & FRANK TOW & REPAIR (Continued)

S103976816

Reg Id: 391073

CERS:

Name: MC DOWELL & FRANK TOW & REPAIR
Address: 1360 ESCALON AVENUE
City,State,Zip: ESCALON, CA 95320-1710
Site ID: 479685
CERS ID: 110002806081
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: ENVIR MGMT
Entity Title: Not reported
Affiliation Address: 1360 ESCALON AVE
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: MC DOWELL SHELL & TOWING
Address: 1360 ESCALON AVE
City,State,Zip: ESCALON, CA 95320
Site ID: 255287
CERS ID: T0607700889
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

E18 MC HENRY STATION
East 1405 MAIN ST
1/4-1/2 ESCALON, CA 95320
0.356 mi.
1878 ft. Site 3 of 3 in cluster E

LUST S102433136
SWEEPS UST N/A
Cortese
HIST CORTESE
CERS

Relative:
Higher
Actual:
117 ft.

LUST:
Name: MC HENRY STATION
Address: 1405 MAIN ST
City,State,Zip: ESCALON, CA 95320
Lead Agency: SAN JOAQUIN COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700672
Global Id: T0607700672
Latitude: 37.7967975
Longitude: -120.9955761
Status: Completed - Case Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC HENRY STATION (Continued)

S102433136

Status Date: 11/12/2003
Case Worker: Not reported
RB Case Number: 390844
Local Agency: Not reported
File Location: Not reported
Local Case Number: 231489
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0607700672
Contact Type: Regional Board Caseworker
Contact Name: Alan Buehler
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: alan.buehler@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0607700672
Action Type: Other
Date: 08/11/1994
Action: Leak Discovery

Global Id: T0607700672
Action Type: Other
Date: 08/11/1994
Action: Leak Reported

LUST:

Global Id: T0607700672
Status: Open - Case Begin Date
Status Date: 08/11/1994

Global Id: T0607700672
Status: Open - Site Assessment
Status Date: 08/11/1994

Global Id: T0607700672
Status: Completed - Case Closed
Status Date: 11/12/2003

LUST REG 5:

Name: MC HENRY STATION
Address: 1405 MAIN ST
City: ESCALON
Region: 5
Status: Case Closed
Case Number: 390844
Case Type: Undefined
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC HENRY STATION (Continued)

S102433136

Program: LUST
MTBE Code: N/A

SWEEPS UST:

Name: MC HENRY STATION MINI MART
Address: 1405 MAIN
City: ESCALON
Status: Active
Comp Number: 1489
Number: 1
Board Of Equalization: 44-024718
Referral Date: 11-10-92
Action Date: 11-10-92
Created Date: 07-12-88
Owner Tank Id: 1
SWRCB Tank Id: 39-000-001489-000001
Tank Status: A
Capacity: 8000
Active Date: 12-15-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Name: MC HENRY STATION MINI MART
Address: 1405 MAIN
City: ESCALON
Status: Active
Comp Number: 1489
Number: 1
Board Of Equalization: 44-024718
Referral Date: 11-10-92
Action Date: 11-10-92
Created Date: 07-12-88
Owner Tank Id: 2
SWRCB Tank Id: 39-000-001489-000002
Tank Status: A
Capacity: 6000
Active Date: 12-15-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: MC HENRY STATION MINI MART
Address: 1405 MAIN
City: ESCALON
Status: Active
Comp Number: 1489
Number: 1
Board Of Equalization: 44-024718
Referral Date: 11-10-92
Action Date: 11-10-92
Created Date: 07-12-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001489-000003
Tank Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC HENRY STATION (Continued)

S102433136

Capacity: 5000
Active Date: 12-15-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: MC HENRY STATION MINI MART
Address: 1405 MAIN
City: ESCALON
Status: Active
Comp Number: 1489
Number: 1
Board Of Equalization: 44-024718
Referral Date: 11-10-92
Action Date: 11-10-92
Created Date: 07-12-88
Owner Tank Id: 4
SWRCB Tank Id: 39-000-001489-000004
Tank Status: A
Capacity: 1
Active Date: 01-03-89
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CORTESE:

Name: MC HENRY STATION
Address: 1405 MAIN ST
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700672
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: MC HENRY STATION
edr_fadd1: 1405 MAIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC HENRY STATION (Continued)

S102433136

City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 390844

CERS:

Name: MC HENRY STATION & MINI-MART
Address: 1405 MAIN STREET
City,State,Zip: ESCALON, CA 95320
Site ID: 479691
CERS ID: 110013890799
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: MC HENRY STATION
Address: 1405 MAIN ST
City,State,Zip: ESCALON, CA 95320
Site ID: 192195
CERS ID: T0607700672
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

19
ESE
1/4-1/2
0.375 mi.
1982 ft.

WRIGHTS PETROLEUM
1212 WEISS WAY
ESCALON, CA 95320

ENVIROSTOR **S100190203**
N/A

Relative:
Higher
Actual:
117 ft.

ENVIROSTOR:
Name: WRIGHTS PETROLEUM
Address: 1212 WEISS WAY
City,State,Zip: ESCALON, CA 95320
Facility ID: 39510002
Status: Refer: Other Agency
Status Date: 11/16/1994
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Assembly: Not reported
Senate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WRIGHTS PETROLEUM (Continued)

S100190203

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.79566
Longitude: -120.9963
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 39510002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/20/1982
Comments: FACILITY IDENTIFIED FROM COUNTY HEALTH LIST.

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

F20
East
1/4-1/2
0.425 mi.
2244 ft.

EMILS LIQUORS & SPORT SHOP
1405 CALIFORNIA ST
ESCALON, CA 95320
Site 1 of 2 in cluster F

LUST **S103630003**
SWEEPS UST **N/A**
HIST CORTESE
CERS

Relative:
Higher

Actual:
118 ft.

LUST:
Name: EMIL'S LIQUORS
Address: 1405 CALIFORNIA ST
City,State,Zip: ESCALON, CA 95320
Lead Agency: SAN JOAQUIN COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700808
Global Id: T0607700808
Latitude: 37.796451
Longitude: -120.995039
Status: Completed - Case Closed
Status Date: 01/31/2006
Case Worker: Not reported
RB Case Number: 390987
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 14851
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMILS LIQUORS & SPORT SHOP (Continued)

S103630003

LUST:

Global Id: T0607700808
Contact Type: Regional Board Caseworker
Contact Name: Alan Buehler
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: alan.buehler@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0607700808
Action Type: Other
Date: 07/09/1997
Action: Leak Discovery

Global Id: T0607700808
Action Type: Other
Date: 07/18/1997
Action: Leak Reported

Global Id: T0607700808
Action Type: ENFORCEMENT
Date: 02/09/1998
Action: Notice of Responsibility

LUST:

Global Id: T0607700808
Status: Open - Case Begin Date
Status Date: 07/09/1997

Global Id: T0607700808
Status: Open - Site Assessment
Status Date: 07/09/1997

Global Id: T0607700808
Status: Open - Site Assessment
Status Date: 09/22/1998

Global Id: T0607700808
Status: Completed - Case Closed
Status Date: 01/31/2006

LUST REG 5:

Name: EMIL'S LIQUORS
Address: 1405 CALIFORNIA ST
City: ESCALON
Region: 5
Status: Case Closed
Case Number: 390987
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMILS LIQUORS & SPORT SHOP (Continued)

S103630003

Program: LUST
MTBE Code: 1

SWEEPS UST:

Name: EMILS LIQUORS & SPORT SHOP
Address: 1405 CALIFORNIA ST
City: ESCALON
Status: Active
Comp Number: 1485
Number: 1
Board Of Equalization: Not reported
Referral Date: 07-12-88
Action Date: 08-30-91
Created Date: 07-12-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001485-000001
Tank Status: A
Capacity: 6000
Active Date: 07-12-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: EMILS LIQUORS & SPORT SHOP
Address: 1405 CALIFORNIA ST
City: ESCALON
Status: Active
Comp Number: 1485
Number: 1
Board Of Equalization: Not reported
Referral Date: 07-12-88
Action Date: 08-30-91
Created Date: 07-12-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001485-000002
Tank Status: A
Capacity: 2000
Active Date: 07-12-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: EMILS LIQUORS & SPORT SHOP
Address: 1405 CALIFORNIA ST
City: ESCALON
Status: Active
Comp Number: 1485
Number: 1
Board Of Equalization: Not reported
Referral Date: 07-12-88
Action Date: 08-30-91
Created Date: 07-12-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001485-000003
Tank Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMILS LIQUORS & SPORT SHOP (Continued)

S103630003

Capacity: 6000
Active Date: 07-12-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST CORTESE:

edr_fname: EMIL'S LIQUORS
edr_fadd1: 1405 CALIFORNIA
City,State,Zip: ESCALON, CA 95320
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 390987

CERS:

Name: EMIL'S LIQUOR & SPORT SHOP
Address: 1405 CALIFORNIA ST
City,State,Zip: ESCALON, CA 95320-1702
Site ID: 466438
CERS ID: 110038019408
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: CHACKO THOMAS
Entity Title: Not reported
Affiliation Address: 1405 CA ST
Affiliation City: ESCALON
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: CHACKO THOMAS
Entity Title: OWNER
Affiliation Address: 1405 CA ST
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: MICHELLE STICE
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: 1405 CA ST
Affiliation City: ESCALON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: CHACKO THOMAS

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EMILS LIQUORS & SPORT SHOP (Continued)

S103630003

Entity Title: OPERATOR
 Affiliation Address: 1405 CA ST
 Affiliation City: ESCALON
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
 Entity Name: CHACKO THOMAS
 Entity Title: Not reported
 Affiliation Address: 1405 CA ST
 Affiliation City: ESCALON
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: UST PO Name
 Entity Name: CHACKO THOMAS
 Entity Title: Not reported
 Affiliation Address: 1405 CA ST
 Affiliation City: ESCALON
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

F21
East
1/4-1/2
0.425 mi.
2244 ft.

EMILS LIQUORS & SPORTS SHOP
1405 CALIFORNIA ST
ESCALON, CA 95320
Site 2 of 2 in cluster F

Cortese **S113125201**
HAZNET **N/A**
HWTS

Relative:
Higher
Actual:
118 ft.

CORTESE:
 Name: EMIL'S LIQUORS
 Address: 1405 CALIFORNIA ST
 City,State,Zip: ESCALON, CA 95320
 Region: CORTESE
 Envirostor Id: Not reported
 Global ID: T0607700808
 Site/Facility Type: LUST CLEANUP SITE
 Cleanup Status: COMPLETED - CASE CLOSED
 Status Date: Not reported
 Site Code: Not reported
 Latitude: Not reported
 Longitude: Not reported
 Owner: Not reported
 Enf Type: Not reported
 Swat R: Not reported
 Flag: active
 Order No: Not reported
 Waste Discharge System No: Not reported
 Effective Date: Not reported
 Region 2: Not reported
 WID Id: Not reported
 Solid Waste Id No: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMILS LIQUORS & SPORTS SHOP (Continued)

S113125201

Waste Management Unit Name: Not reported
File Name: Active Open

HAZNET:

Name: EMILS LIQUORS & SPORTS SHOP
Address: 1405 CALIFORNIA ST
Address 2: Not reported
City, State, Zip: ESCALON, CA 953200000
Contact: CHACKO THOMAS
Telephone: 2094992693
Mailing Name: Not reported
Mailing Address: 1405 CALIFORNIA ST

Year: 2015
Gepaid: CAL000267135
TSD EPA ID: NVD980895338
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02085

Year: 2008
Gepaid: CAL000267135
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.175

Year: 2008
Gepaid: CAL000267135
TSD EPA ID: TXD077603371
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3

Additional Info:

Year: 2015
Gen EPA ID: CAL000267135

Shipment Date: 20150610
Creation Date: 1/21/2016 22:15:55
Receipt Date: 20150626
Manifest ID: 002739465GBF
Trans EPA ID: CAL000827878
Trans Name: AMERICAN VALLEY WASTE OIL INC
Trans 2 EPA ID: CAR000210617
Trans 2 Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
TSD EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MGMT OF NEVADA LLC
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
RCRA Code: D018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMILS LIQUORS & SPORTS SHOP (Continued)

S113125201

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAL000267135

Shipment Date: 20080718
Creation Date: 11/18/2008 18:30:08
Receipt Date: 20080728
Manifest ID: 001237517SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORTATION INC
TSDf EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.3
Waste Quantity: 600
Quantity Unit: P
Additional Code 1: D008
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080718
Creation Date: 12/8/2008 18:30:18
Receipt Date: 20080730
Manifest ID: 001237516SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.175

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMILS LIQUORS & SPORTS SHOP (Continued)

S113125201

Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: EMILS LIQUORS & SPORTS SHOP
Address: 1405 CALIFORNIA ST
Address 2: Not reported
City,State,Zip: ESCALON, CA 953200000
EPA ID: CAL000267135
Inactive Date: 06/30/2017
Create Date: 03/03/2003
Last Act Date: 10/27/2016
Mailing Name: Not reported
Mailing Address: 1405 CALIFORNIA ST
Mailing Address 2: Not reported
Mailing City,State,Zip: ESCALON, CA 953200000
Owner Name: CHACKO THOMAS
Owner Address: 1405 CALIFORNIA ST
Owner Address 2: Not reported
Owner City,State,Zip: ESCALON, CA 953200000
Contact Name: CHACKO THOMAS
Contact Address: 1405 CALIFORNIA ST
Contact Address 2: Not reported
City,State,Zip: ESCALON, CA 95320

NAICS:

EPA ID: CAL000267135
Create Date: 2003-03-03 13:05:04.577
NAICS Code: 44711
NAICS Description: Gasoline Stations with Convenience Stores
Issued EPA ID Date: 2003-03-03 13:05:04.56000
Inactive Date: 2017-06-30 00:00:00
Facility Name: EMILS LIQUORS & SPORTS SHOP
Facility Address: 1405 CALIFORNIA ST
Facility Address 2: Not reported
Facility City: ESCALON
Facility County: Not reported
Facility State: CA
Facility Zip: 953200000

22
ESE
1/2-1
0.543 mi.
2866 ft.

HOFS QUALITY CLEANERS
1714 MAIN ST
ESCALON, CA 95320

ENVIROSTOR S101482163
N/A

Relative:
Higher
Actual:
119 ft.

ENVIROSTOR:
Name: HOFS QUALITY CLEANERS
Address: 1714 MAIN ST
City,State,Zip: ESCALON, CA 95320
Facility ID: 39720002
Status: Refer: Other Agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOFS QUALITY CLEANERS (Continued)

S101482163

Status Date: 11/16/1994
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Assembly: 12
Senate: 05
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.79518
Longitude: -120.9932
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 39720002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/07/1982
Comments: FACILITY IDENTIFIED FROM DMI LIST.

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: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
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NO SITES FOUND

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: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/03/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	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: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/03/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/30/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/03/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/09/2021	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2021	Telephone: 843-820-7326
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 02/23/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 02/23/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/14/2020

Date Data Arrived at EDR: 12/15/2020

Date Made Active in Reports: 12/22/2020

Number of Days to Update: 7

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/15/2020

Next Scheduled EDR Contact: 07/05/2021

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/25/2021

Date Data Arrived at EDR: 01/26/2021

Date Made Active in Reports: 04/13/2021

Number of Days to Update: 77

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/23/2021

Next Scheduled EDR Contact: 08/09/2021

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/25/2021

Date Data Arrived at EDR: 01/26/2021

Date Made Active in Reports: 04/13/2021

Number of Days to Update: 77

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/23/2021

Next Scheduled EDR Contact: 08/09/2021

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/08/2021

Date Data Arrived at EDR: 02/09/2021

Date Made Active in Reports: 05/03/2021

Number of Days to Update: 83

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/11/2021

Next Scheduled EDR Contact: 08/23/2021

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: see region list
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/21/2021
	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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	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	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3372
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	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: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6271
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

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

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-8677
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

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: 10/01/2020	Source: EPA Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

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

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 04/23/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: No Update Planned

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: No Update Planned

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: No Update Planned

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

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

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: No Update Planned

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: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 04/01/2021
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Varies

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: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

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: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/22/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

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.

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/09/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/11/2020
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/16/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 04/21/2021
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/09/2021
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/09/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-323-3836
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 11/23/2020	Telephone: 916-341-6422
Date Made Active in Reports: 02/08/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/23/2021
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/22/2021
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/09/2021
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/14/2021
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/22/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
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: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
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

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: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/03/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/14/2021
	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: 12/16/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/17/2020	Telephone: 202-366-4555
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 03/24/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

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: 12/31/2020	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-845-8400
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 02/11/2021	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-528-4285
Date Made Active in Reports: 04/05/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/16/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Semi-Annually

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: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/05/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

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: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/17/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Annually

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: 01/20/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 60

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/22/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 03/05/2021	Last EDR Contact: 05/03/2021
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/16/2021
	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: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 04/09/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/31/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	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: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/08/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/11/2021	Telephone: 301-415-7169
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 61	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/05/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/14/2021
	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: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 03/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/07/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 03/25/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/13/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/17/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Administration
Telephone: 202-693-9424
Last EDR Contact: 03/01/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/11/2020
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/10/2021
Next Scheduled EDR Contact: 06/21/2021
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: 02/03/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 33

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-564-2280
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 04/06/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 04/13/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021	Source: EPA
Date Data Arrived at EDR: 02/17/2021	Telephone: 800-385-6164
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 05/14/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/17/2020	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/17/2020	Telephone: 916-323-3400
Date Made Active in Reports: 03/09/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 05/14/2021
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/25/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 77

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 02/23/2021
Date Data Arrived at EDR: 02/25/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 83

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/26/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 06/28/2021
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: 12/31/2020
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/09/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/08/2021
Date Data Arrived at EDR: 02/12/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 82

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/15/2020	Telephone: 916-255-1136
Date Made Active in Reports: 07/02/2020	Last EDR Contact: 04/09/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/16/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/17/2021	Telephone: 877-786-9427
Date Made Active in Reports: 05/07/2021	Last EDR Contact: 05/14/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/30/2021
	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 [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/16/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/17/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/10/2021	Last EDR Contact: 05/14/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 01/05/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/05/2021	Telephone: 916-440-7145
Date Made Active in Reports: 03/18/2021	Last EDR Contact: 04/06/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/08/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-322-1080
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/30/2020	Source: Department of Public Health
Date Data Arrived at EDR: 12/01/2020	Telephone: 916-558-1784
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 03/03/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/09/2021	Telephone: 916-445-9379
Date Made Active in Reports: 05/04/2021	Last EDR Contact: 05/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/30/2020	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/01/2020	Telephone: 916-445-4038
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 03/03/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/09/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-323-3836
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/09/2020	Telephone: 916-445-3846
Date Made Active in Reports: 12/10/2020	Last EDR Contact: 03/12/2021
Number of Days to Update: 1	Next Scheduled EDR Contact: 06/28/2021
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-445-2408
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: No Update Planned

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: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/19/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 03/31/2021
Number of Days to Update: 53	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 03/18/2021	Telephone: 510-567-6700
Date Made Active in Reports: 03/25/2021	Last EDR Contact: 03/17/2021
Number of Days to Update: 7	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021	Source: Amador County Environmental Health
Date Data Arrived at EDR: 02/04/2021	Telephone: 209-223-6439
Date Made Active in Reports: 04/23/2021	Last EDR Contact: 05/11/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 80

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 11/18/2020
Date Data Arrived at EDR: 11/19/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 77

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/10/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

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

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 02/10/2021
Date Data Arrived at EDR: 02/12/2021
Date Made Active in Reports: 03/11/2021
Number of Days to Update: 27

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A
Telephone: N/A
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/11/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/11/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/26/2021
Number of Days to Update: 73

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/13/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/26/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/16/2021	Telephone: 626-458-6973
Date Made Active in Reports: 04/21/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 03/26/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 03/26/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 10/19/2020	Source: Community Health Services
Date Data Arrived at EDR: 01/12/2021	Telephone: 323-890-7806
Date Made Active in Reports: 03/26/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/07/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

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

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/14/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/11/2020	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/07/2020	Telephone: 310-618-2973
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 04/23/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: 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: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 05/12/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 03/25/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

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

Date of Government Version: 12/21/2020	Source: Department of Public Health
Date Data Arrived at EDR: 12/21/2020	Telephone: 707-463-4466
Date Made Active in Reports: 03/10/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/04/2021	Source: Merced County Environmental Health
Date Data Arrived at EDR: 02/09/2021	Telephone: 209-381-1094
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 05/12/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/08/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 72

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/25/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List CUPA facility list.

Date of Government Version: 02/03/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/02/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/15/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/15/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: 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: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 4

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 11/16/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMMD SAN DIEGO: 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: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/16/2021
Number of Days to Update: 77

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: 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: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

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

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/06/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/08/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA BARBARA: 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: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/26/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: 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

LUST SANTA CLARA: LOP Listing

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

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

SHASTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 12/03/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/05/2021
Date Data Arrived at EDR: 01/06/2021
Date Made Active in Reports: 03/18/2021
Number of Days to Update: 71

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List

Cupa program facilities

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BWT VENTURA: 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: 12/28/2020	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 01/29/2021	Telephone: 805-654-2813
Date Made Active in Reports: 04/22/2021	Last EDR Contact: 04/19/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 03/25/2021
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 05/05/2021
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: No Update Planned

MED WASTE VENTURA: 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: 03/29/2021	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/21/2021	Telephone: 805-654-2813
Date Made Active in Reports: 04/23/2021	Last EDR Contact: 04/19/2021
Number of Days to Update: 2	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

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

Date of Government Version: 03/01/2021	Source: Environmental Health Division
Date Data Arrived at EDR: 03/09/2021	Telephone: 805-654-2813
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/23/2020	Telephone: 530-666-8646
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 03/26/2021
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 20

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/24/2021
Next Scheduled EDR Contact: 08/09/2021
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: 10/05/2020
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
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: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/13/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018

Date Data Arrived at EDR: 06/19/2019

Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/08/2021

Next Scheduled EDR Contact: 06/21/2021

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

IRWIN VILLAGE APARTMENTS
1310 IRWIN AVENUE
ESCALON, CA 95320

TARGET PROPERTY COORDINATES

Latitude (North):	37.797651 - 37° 47' 51.54"
Longitude (West):	121.003617 - 121° 0' 13.02"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	675770.9
UTM Y (Meters):	4185036.2
Elevation:	114 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640046 AVENA, CA
Version Date:	2012
East Map:	5639980 ESCALON, CA
Version Date:	2012

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).

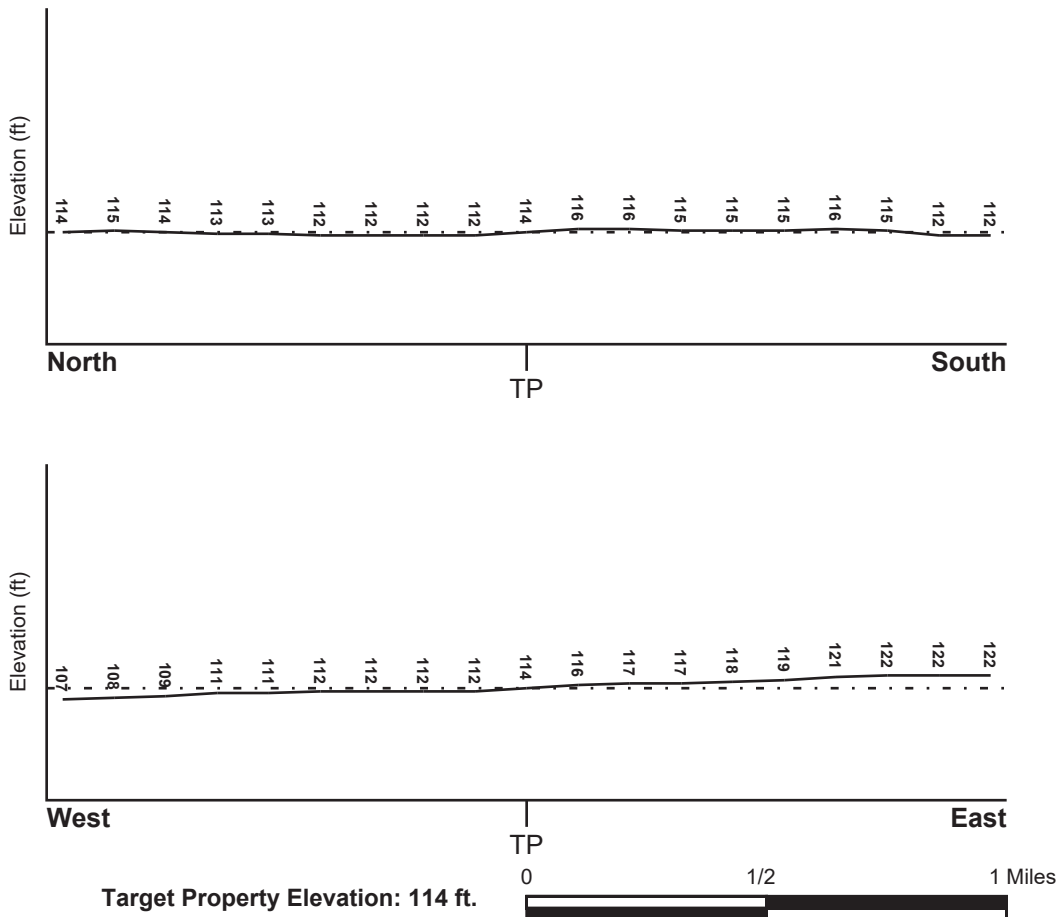
TOPOGRAPHIC INFORMATION

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 NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06077C0670F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06077C0690F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
AVENA	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 FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

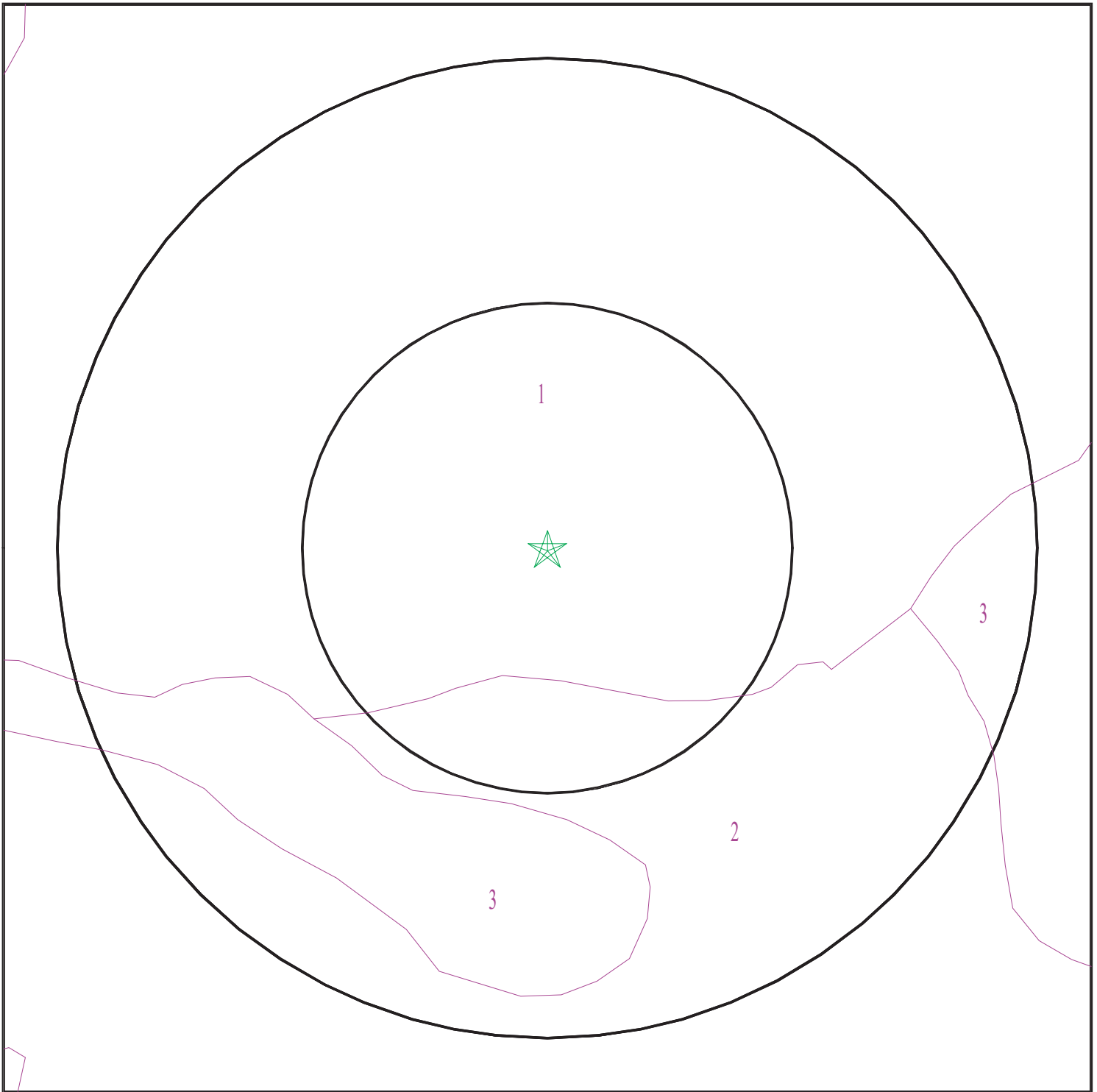
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (<i>decoded above as Era, System & Series</i>)

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 - 6503137.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Irwin Village Apartments
ADDRESS: 1310 Irwin Avenue
Escalon CA 95320
LAT/LONG: 37.797651 / 121.003617

CLIENT: Condor Earth Technologies, Inc
CONTACT: Rebecca Selvage
INQUIRY #: 6503137.2s
DATE: May 20, 2021 6:13 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: VERITAS

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	14 inches	53 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	53 inches	70 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: HONCUT

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.1
2	20 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.1

Soil Map ID: 3

Soil Component Name: DELHI

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	16 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	16 inches	25 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
3	25 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E16	USGS40000185633	1/2 - 1 Mile SE
18	USGS40000185753	1/2 - 1 Mile NNE
F19	USGS40000185643	1/2 - 1 Mile ESE
20	USGS40000185666	1/2 - 1 Mile East
24	USGS40000185718	1/2 - 1 Mile WNW
25	USGS40000185632	1/2 - 1 Mile ESE
I29	USGS40000185686	1/2 - 1 Mile East
31	USGS40000185605	1/2 - 1 Mile SSW
J38	USGS40000185680	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D14	CA3901199	1/4 - 1/2 Mile East

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

STATE DATABASE WELL INFORMATION

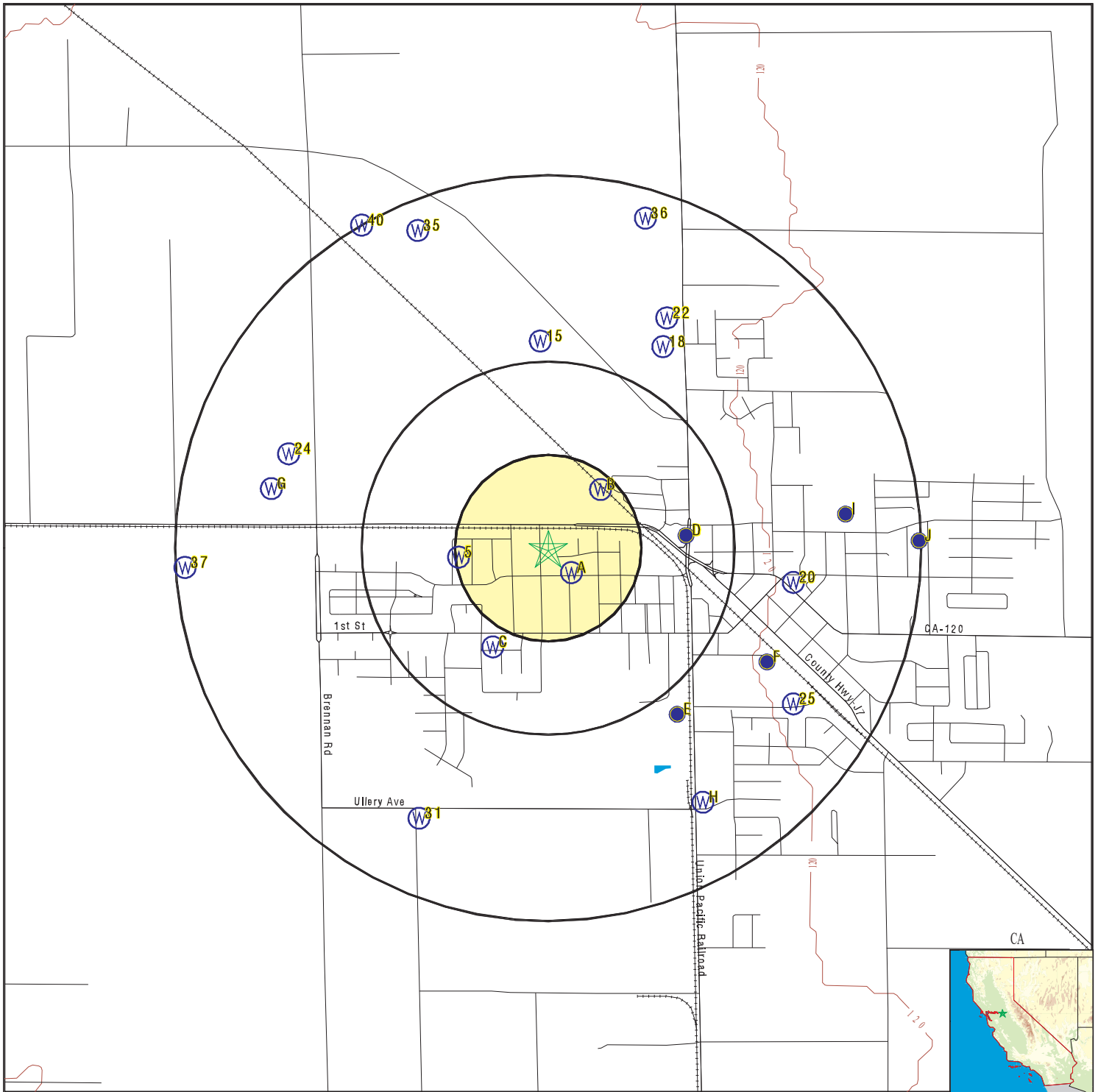
MAP ID	WELL ID	LOCATION FROM TP
A1	CADDW0000021298	0 - 1/8 Mile SE
A2	2664	0 - 1/8 Mile SE
B3	2661	1/8 - 1/4 Mile NE
B4	23145	1/8 - 1/4 Mile NE
5	CADWR8000036403	1/8 - 1/4 Mile West
C6	CADDW0000021660	1/4 - 1/2 Mile SSW
C7	2665	1/4 - 1/2 Mile SW
D8	CAEDF0000073636	1/4 - 1/2 Mile East
D9	CAEDF0000121034	1/4 - 1/2 Mile East
D10	CAEDF0000052884	1/4 - 1/2 Mile East
D11	CAEDF0000112147	1/4 - 1/2 Mile East
D12	CAEDF0000086723	1/4 - 1/2 Mile East
D13	CAEDF0000011361	1/4 - 1/2 Mile East
15	CADWR0000035065	1/2 - 1 Mile North
E17	CADDW0000011902	1/2 - 1 Mile SE
F21	CADDW0000009766	1/2 - 1 Mile ESE
22	CADDW0000018510	1/2 - 1 Mile NNE
G23	CADDW0000020572	1/2 - 1 Mile WNW
G26	1216	1/2 - 1 Mile WNW
H27	19394	1/2 - 1 Mile SSE
H28	23146	1/2 - 1 Mile SSE
I30	CAUSGSN00015008	1/2 - 1 Mile East
I32	CADWR0000011648	1/2 - 1 Mile East
I33	CADWR8000036413	1/2 - 1 Mile East
H34	CADDW0000005819	1/2 - 1 Mile SE
35	CADDW0000007072	1/2 - 1 Mile NNW
36	1215	1/2 - 1 Mile NNE
37	CADPR0000004758	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
J39 40	CAUSGSN00019156 3764	1/2 - 1 Mile East 1 - 2 Miles NNW

PHYSICAL SETTING SOURCE MAP - 6503137.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Irwin Village Apartments
 ADDRESS: 1310 Irwin Avenue
 Escalon CA 95320
 LAT/LONG: 37.797651 / 121.003617

CLIENT: Condor Earth Technologies, Inc
 CONTACT: Rebecca Selvage
 INQUIRY #: 6503137.2s
 DATE: May 20, 2021 6:13 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SE
0 - 1/8 Mile
Higher

CA WELLS CADDW0000021298

Well ID:	3910003-007	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 07 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910003-007&store_num=		
GeoTracker Data:	Not Reported		

A2
SE
0 - 1/8 Mile
Higher

CA WELLS 2664

Seq:	2664	Prim sta c:	02S/09E-05B01 M
Frds no:	3910003007	County:	39
District:	10	User id:	PTA
System no:	3910003	Water type:	G
Source nam:	WELL 07	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374748.0	Longitude:	1210005.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3910003	System nam:	Escalon, City Of
Hqname:	ESCALON CITY OF	Address:	PO BOX 248
City:	ESCALON	State:	CA
Zip:	95320	Zip ext:	Not Reported
Pop serv:	5091	Connection:	1634
Area serve:	ESCALON		

B3
NE
1/8 - 1/4 Mile
Higher

CA WELLS 2661

Seq:	2661	Prim sta c:	02S/09E-04E01 M
Frds no:	3910003001	County:	39
District:	10	User id:	PTA
System no:	3910003	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	374800.0	Longitude:	1210000.0
Precision:	4	Status:	AR
Comment 1:	PURCHASED FROM ESCALON WATER AND LIGHT.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3910003	System nam:	Escalon, City Of
Hqname:	ESCALON CITY OF	Address:	PO BOX 248
City:	ESCALON	State:	CA
Zip:	95320	Zip ext:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pop serv:	5091	Connection:	1634
Area serve:	ESCALON		
Sample date:	03-JUN-15	Finding:	47.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-MAY-15	Finding:	41.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-APR-15	Finding:	41.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-SEP-14	Finding:	29.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-SEP-14	Finding:	6.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	13-AUG-14	Finding:	3.41
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	11-JUN-14	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-JUN-14	Finding:	8.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	07-MAY-14	Finding:	39.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-NOV-13	Finding:	42.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-JUN-13	Finding:	34.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-APR-13	Finding:	47.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	31-JAN-13	Finding:	0.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dir:	0.		
Sample date:	31-JAN-13	Finding:	9600.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	31-JAN-13	Finding:	11.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	31-JAN-13	Finding:	42.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	31-JAN-13	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	6.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	31-JAN-13	Finding:	3.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dir:	10.		
Sample date:	31-JAN-13	Finding:	159.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	31-JAN-13	Finding:	29.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	31-JAN-13	Finding:	8.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	21.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	41.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	189.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	31-JAN-13	Finding:	481.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	31-JAN-13	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	17-OCT-12	Finding:	28.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-OCT-12	Finding:	5.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	18-SEP-12	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-SEP-12	Finding:	6.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	18-JUL-12	Finding:	6.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	18-JUL-12	Finding:	33.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUN-12	Finding:	5.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	20-JUN-12	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUN-12	Finding:	1.12
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	20-JUN-12	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	11-MAY-12	Finding:	6.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	11-MAY-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-APR-12	Finding:	45.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-APR-12	Finding:	44.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-APR-12	Finding:	43.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	19-APR-12	Finding:	42.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-MAR-12	Finding:	44.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-JAN-12	Finding:	46.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

**B4
NE
1/8 - 1/4 Mile
Higher**

CA WELLS 23145

Seq:	23145	Prim sta c:	J39/003-01TRT
Frds no:	3910003012	County:	39
District:	10	User id:	PTA
System no:	3910003	Water type:	G
Source nam:	WELL 01 - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374800.0	Longitude:	1210000.0
Precision:	3	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3910003	System nam:	Escalon, City Of
Hqname:	ESCALON CITY OF	Address:	PO BOX 248
City:	ESCALON	State:	CA
Zip:	95320	Zip ext:	Not Reported
Pop serv:	5091	Connection:	1634
Area serve:	ESCALON		
Sample date:	10-SEP-14	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-AUG-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-JUL-14	Finding:	30.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	25-JUN-14	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-JUN-14	Finding:	30.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-JUN-14	Finding:	31.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-JUN-14	Finding:	32.5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical: Dir:	NITRATE (AS NO3) 2.	Report units:	MG/L
Sample date: Chemical: Dir:	17-OCT-12 NITRATE (AS NO3) 2.	Finding: Report units:	28.2 MG/L
Sample date: Chemical: Dir:	17-OCT-12 DIBROMOCHLOROPROPANE (DBCP) 1.e-002	Finding: Report units:	4.e-002 UG/L
Sample date: Chemical: Dir:	10-OCT-12 NITRATE (AS NO3) 2.	Finding: Report units:	29.7 MG/L
Sample date: Chemical: Dir:	03-OCT-12 NITRATE (AS NO3) 2.	Finding: Report units:	29.5 MG/L
Sample date: Chemical: Dir:	26-SEP-12 NITRATE (AS NO3) 2.	Finding: Report units:	30.4 MG/L
Sample date: Chemical: Dir:	18-SEP-12 NITRATE (AS NO3) 2.	Finding: Report units:	27.8 MG/L
Sample date: Chemical: Dir:	18-SEP-12 DIBROMOCHLOROPROPANE (DBCP) 1.e-002	Finding: Report units:	5.e-002 UG/L
Sample date: Chemical: Dir:	12-SEP-12 NITRATE (AS NO3) 2.	Finding: Report units:	27.7 MG/L
Sample date: Chemical: Dir:	05-SEP-12 NITRATE (AS NO3) 2.	Finding: Report units:	27.6 MG/L
Sample date: Chemical: Dir:	29-AUG-12 NITRATE (AS NO3) 2.	Finding: Report units:	28.1 MG/L
Sample date: Chemical: Dir:	23-AUG-12 NITRATE (AS NO3) 2.	Finding: Report units:	27.9 MG/L
Sample date: Chemical: Dir:	14-AUG-12 NITRATE (AS NO3) 2.	Finding: Report units:	26.9 MG/L
Sample date: Chemical: Dir:	14-AUG-12 DIBROMOCHLOROPROPANE (DBCP) 1.e-002	Finding: Report units:	3.e-002 UG/L
Sample date: Chemical: Dir:	08-AUG-12 NITRATE (AS NO3) 2.	Finding: Report units:	27.8 MG/L
Sample date: Chemical: Dir:	01-AUG-12 NITRATE (AS NO3) 2.	Finding: Report units:	30.8 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	25-JUL-12	Finding:	30.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-JUL-12	Finding:	33.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-JUL-12	Finding:	4.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	11-JUL-12	Finding:	29.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-JUL-12	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	27-JUN-12	Finding:	27.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUN-12	Finding:	30.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUN-12	Finding:	3.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	13-JUN-12	Finding:	30.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-JUN-12	Finding:	29.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	30-MAY-12	Finding:	28.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	29-MAY-12	Finding:	28.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	25-MAY-12	Finding:	30.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	24-MAY-12	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-MAY-12	Finding:	31.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-MAY-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir: 2.

Sample date: 22-MAY-12
 Chemical: NITRATE (AS NO3)
 Dir: 2.

Finding: 33.3
 Report units: MG/L

**5
 West
 1/8 - 1/4 Mile
 Lower**

CA WELLS CADWR8000036403

State Well #:	02S09E05C001M	Station ID:	3731
Well Name:	Not Reported	Well Use:	Irrigation
Well Type:	Unknown	Well Depth:	0
Basin Name:	Eastern San Joaquin	Well Completion Rpt #:	Not Reported

**C6
 SSW
 1/4 - 1/2 Mile
 Higher**

CA WELLS CADDW0000021660

Well ID:	3910003-008	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 08 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910003-008&store_num=		
GeoTracker Data:	Not Reported		

**C7
 SW
 1/4 - 1/2 Mile
 Higher**

CA WELLS 2665

Seq:	2665	Prim sta c:	02S/09E-05F01 M
Frds no:	3910003008	County:	39
District:	10	User id:	PTA
System no:	3910003	Water type:	G
Source nam:	WELL 08 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374738.0	Longitude:	1210021.0
Precision:	3	Status:	IU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3910003	System nam:	Escalon, City Of
Hqname:	ESCALON CITY OF	Address:	PO BOX 248
City:	ESCALON	State:	CA
Zip:	95320	Zip ext:	Not Reported
Pop serv:	5091	Connection:	1634
Area serve:	ESCALON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D8
East
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000073636

Well ID:	T0607700842-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700842&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700842&assigned_name=MW-4		

D9
East
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000121034

Well ID:	T0607700842-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700842&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700842&assigned_name=MW-2		

D10
East
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000052884

Well ID:	T0607700842-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700842&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700842&assigned_name=MW-1		

D11
East
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000112147

Well ID:	T0607700842-MW-101	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-101
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700842&assigned_name=MW-101&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700842&assigned_name=MW-101		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D12
East
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000086723

Well ID:	T0607700842-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700842&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700842&assigned_name=MW-5		

D13
East
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000011361

Well ID:	T0607700842-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700842&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700842&assigned_name=MW-3		

D14
East
1/4 - 1/2 Mile
Higher

FRDS PWS CA3901199

PWS ID:	CA3901199	PWS type:	System Owner/Responsible Party
PWS name:	OLD WINERY COMPLEX	PWS address:	Not Reported
PWS city:	ESCALON	PWS state:	CA
PWS zip:	95320	PWS ID:	CA3901199
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000250
System name:	OLD WINERY COMPLEX	System address:	OLD WINERY COMPLEX
System address:	1203 001ST ST	System city:	ESCALON
System state:	CA	System zip:	95320
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	374751	Longitude:	1205944

15
North
1/2 - 1 Mile
Lower

CA WELLS CADWR0000035065

Well ID:	01S09E32J001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S09E32J001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S09E32J001M&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

E16
SE
1/2 - 1 Mile
Higher

FED USGS USGS40000185633

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S009E05H001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610613	Well Depth:	352
Well Depth Units:	ft	Well Hole Depth:	480
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1961-06-13
Feet below surface:	32.00	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1961-06-13	Feet below surface:	32.00
Feet to sea level:	Not Reported	Note:	Not Reported

E17
SE
1/2 - 1 Mile
Higher

CA WELLS CADDW0000011902

Well ID:	3900797-008	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL #3	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3900797-008&store_num=		
GeoTracker Data:	Not Reported		

18
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000185753

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S009E32J003M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19690227	Well Depth:	152
Well Depth Units:	ft	Well Hole Depth:	244
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	2	Level reading date:	1969-02-27
Feet below surface:	48.00	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1969-02-27	Feet below surface:	48.00
Feet to sea level:	Not Reported	Note:	Not Reported

**F19
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS40000185643

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S009E04E001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19660101	Well Depth:	255
Well Depth Units:	ft	Well Hole Depth:	352
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	1	Level reading date:	1966-01-01
Feet below surface:	40.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**20
East
1/2 - 1 Mile
Higher**

FED USGS USGS40000185666

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S009E04C001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19490101	Well Depth:	105
Well Depth Units:	ft	Well Hole Depth:	330
Well Hole Depth Units:	ft		

**F21
ESE
1/2 - 1 Mile
Higher**

CA WELLS CADDW0000009766

Well ID:	3910003-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910003-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

22
NNE
1/2 - 1 Mile
Higher

CA WELLS CADDW0000018510

Well ID:	3901231-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901231-001&store_num=		
GeoTracker Data:	Not Reported		

G23
WNW
1/2 - 1 Mile
Lower

CA WELLS CADDW0000020572

Well ID:	3910003-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 06 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910003-006&store_num=		
GeoTracker Data:	Not Reported		

24
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40000185718

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S009E31R001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19761122	Well Depth:	310
Well Depth Units:	ft	Well Hole Depth:	325
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1976-11-22
Feet below surface:	63.00	Feet to sea level:	Not Reported
Note:	Not Reported		

25
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40000185632

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S009E04F001M	Type:	Well
Description:	Not Reported	HUC:	18040005

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19540101	Well Depth:	154
Well Depth Units:	ft	Well Hole Depth:	324
Well Hole Depth Units:	ft		

**G26
WNW
1/2 - 1 Mile
Lower**

CA WELLS 1216

Seq:	1216	Prim sta c:	01S/09E-32J02 M
Frds no:	3910003006	County:	39
District:	10	User id:	PTA
System no:	3910003	Water type:	G
Source nam:	WELL 06	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374800.0	Longitude:	1210100.0
Precision:	5	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3910003	System nam:	Escalon, City Of
Hqname:	ESCALON CITY OF	Address:	PO BOX 248
City:	ESCALON	State:	CA
Zip:	95320	Zip ext:	Not Reported
Pop serv:	5091	Connection:	1634
Area serve:	ESCALON		

**H27
SSE
1/2 - 1 Mile
Higher**

CA WELLS 19394

Seq:	19394	Prim sta c:	3910003-010
Frds no:	3910003010	County:	39
District:	10	User id:	PTA
System no:	3910003	Water type:	G
Source nam:	WELL 03A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374716.0	Longitude:	1205943.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3910003	System nam:	Escalon, City Of
Hqname:	ESCALON CITY OF	Address:	PO BOX 248
City:	ESCALON	State:	CA
Zip:	95320	Zip ext:	Not Reported
Pop serv:	5091	Connection:	1634
Area serve:	ESCALON		
Sample date:	07-FEB-18	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	25-JAN-17	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-JAN-16	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	5.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dir:	10.		
Sample date:	14-JAN-16	Finding:	70.7
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	14-JAN-16	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	14-JAN-16	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	14-JAN-16	Finding:	6.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	14-JAN-16	Finding:	8.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	0.9
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dir:	0.		
Sample date:	14-JAN-16	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	7.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	14.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	63.7
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	3.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-JAN-16	Finding:	70.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	14-JAN-16	Finding:	60.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	14-JAN-16	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	14-JAN-16	Finding:	231.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-JAN-16	Finding:	10.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	14-JAN-16	Finding:	3.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-NOV-15	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-AUG-14	Finding:	5.56
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	16-JAN-13	Finding:	170.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	5.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dir:	10.		
Sample date:	16-JAN-13	Finding:	73.6
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	16-JAN-13	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	16-JAN-13	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-JAN-13	Finding:	6.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-JAN-13	Finding:	9.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-JAN-13	Finding:	0.9
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JAN-13	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	8.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	14.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	67.8
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	90.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	70.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-13	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JAN-13	Finding:	220.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JAN-13	Finding:	3800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-JAN-13	Finding:	11.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	15-MAR-12	Finding:	1.06
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	15-MAR-12	Finding:	1.54
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

**H28
SSE
1/2 - 1 Mile
Higher**

CA WELLS 23146

Seq:	23146	Prim sta c:	J39/003-03ATRT
Frds no:	3910003011	County:	39
District:	10	User id:	PTA
System no:	3910003	Water type:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Source nam:	WELL 03A - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374716.0	Longitude:	1205943.0
Precision:	3	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3910003	System nam:	Escalon, City Of
Hqname:	ESCALON CITY OF	Address:	PO BOX 248
City:	ESCALON	State:	CA
Zip:	95320	Zip ext:	Not Reported
Pop serv:	5091	Connection:	1634
Area serve:	ESCALON		

I29
East
1/2 - 1 Mile
Higher

FED USGS USGS40000185686

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S009E33P001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19710829	Well Depth:	152
Well Depth Units:	ft	Well Hole Depth:	204
Well Hole Depth Units:	ft		

I30
East
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00015008

Well ID:	USGS-374756120591701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374756120591701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp_date=&global_id=&assigned_name=USGS-374756120591701&store_num=		
GeoTracker Data:	Not Reported		

31
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000185605

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S009E05P001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	19730214	Well Depth:	111
Well Depth Units:	ft	Well Hole Depth:	126
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	1	Level reading date:	1973-02-14
Feet below surface:	35.00	Feet to sea level:	Not Reported
Note:	Not Reported		

I32
East
1/2 - 1 Mile
Higher

CA WELLS CADWR0000011648

Well ID:	01S09E33P001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S09E33P001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S09E33P001M&store_num=		
GeoTracker Data:	Not Reported		

I33
East
1/2 - 1 Mile
Higher

CA WELLS CADWR8000036413

State Well #:	01S09E33P001M	Station ID:	4644
Well Name:	01S09E33P001M	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	204
Basin Name:	Eastern San Joaquin	Well Completion Rpt #:	14945

H34
SE
1/2 - 1 Mile
Higher

CA WELLS CADDW0000005819

Well ID:	3910003-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 03A	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910003-010&store_num=		
GeoTracker Data:	Not Reported		

35
NNW
1/2 - 1 Mile
Lower

CA WELLS CADDW0000007072

Well ID:	5000357-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - ABANDONED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5000357-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

36
NNE
1/2 - 1 Mile
Higher

CA WELLS 1215

Seq:	1215	Prim sta c:	01S/09E-32A01 M
Frds no:	3901048001	County:	39
District:	69	User id:	39C
System no:	3901048	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374838.0	Longitude:	1205952.0
Precision:	3	Status:	AR
Comment 1:	16813 ESCALON BELLOTA RD ESCALON	CA 95320	
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3901048	System nam:	J And A Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

37
West
1/2 - 1 Mile
Lower

CA WELLS CADPR0000004758

Well ID:	87203	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	87203	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=87203&store_num=		
GeoTracker Data:	Not Reported		

J38
East
1/2 - 1 Mile
Higher

FED USGS USGS40000185680

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S009E04B001M	Type:	Well
Description:	Not Reported	HUC:	18040002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Alluvial Fan Deposits	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	293
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J39
East
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00019156

Well ID:	USGS-374753120590401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374753120590401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374753120590401&store_num=		
GeoTracker Data:	Not Reported		

40
NNW
1 - 2 Miles
Lower

CA WELLS 3764

Seq:	3764	Prim sta c:	03S/09E-30H01 M
Frds no:	5000357001	County:	50
District:	80	User id:	50C
System no:	5000357	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374837.0	Longitude:	1210042.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5000357	System nam:	Knudsen
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95320	5	1

Federal EPA Radon Zone for SAN JOAQUIN County: 3

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

Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 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.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

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

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

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.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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APPENDIX D

Irwin Village Apartments

1310 Irwin Avenue

Escalon, CA 95320

Inquiry Number: 6503137.4

May 20, 2021

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

05/20/21

Site Name:

Irwin Village Apartments
1310 Irwin Avenue
Escalon, CA 95320
EDR Inquiry # 6503137.4

Client Name:

Condor Earth Technologies, Inc
188 Frank West Circle
Stockton, CA 95206
Contact: Rebecca Selvage



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Condor Earth Technologies, Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	8603	Latitude:	37.797651 37° 47' 52" North
Project:	Irwin Village Apartments ESA	Longitude:	-121.003617 -121° 0' 13" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	675766.55
		UTM Y Meters:	4185241.51
		Elevation:	114.00' above sea level

Maps Provided:

2012
1994
1976
1968
1952, 1953
1948
1942
1914, 1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Avena

7.5-minute, 24000



Escalon

7.5-minute, 24000

1994 Source Sheets



Avena

7.5-minute, 24000
Aerial Photo Revised 1968

1976 Source Sheets



Escalon

7.5-minute, 24000
Aerial Photo Revised 1967

1968 Source Sheets



Avena

7.5-minute, 24000
Aerial Photo Revised 1968



Escalon

7.5-minute, 24000
Aerial Photo Revised 1967

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1952, 1953 Source Sheets



Avena

7.5-minute, 24000
Aerial Photo Revised 1949



Escalon

7.5-minute, 24000
Aerial Photo Revised 1950

1948 Source Sheets



FARMINGTON

15-minute, 50000

1942 Source Sheets



Farmington

15-minute, 62500
Aerial Photo Revised 1939

1914, 1915 Source Sheets



Avena

7.5-minute, 31680

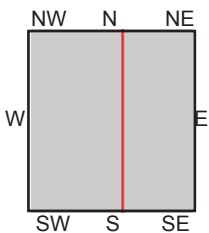
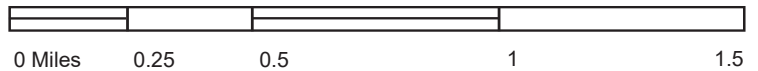


Thalheim

7.5-minute, 31680



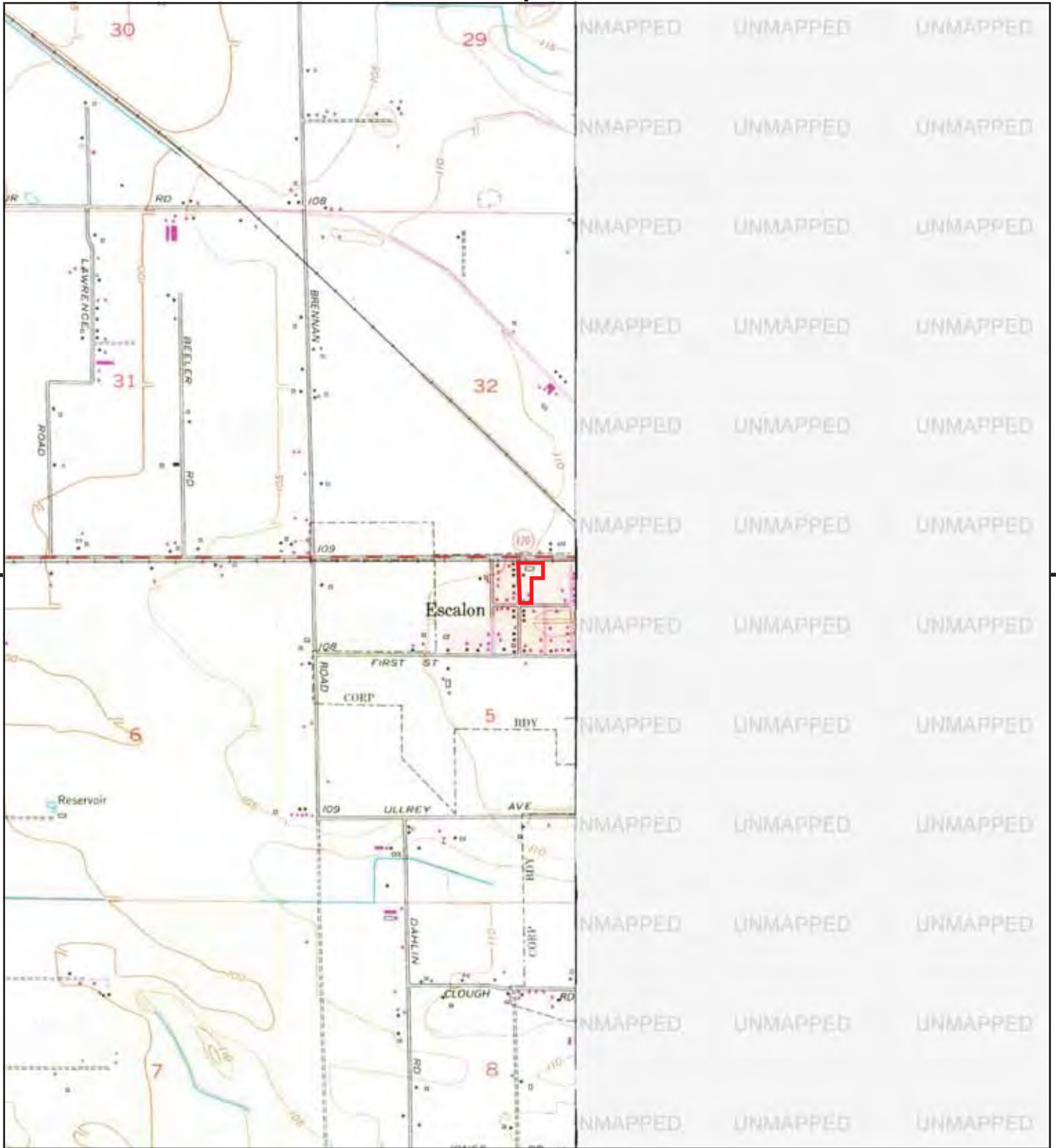
This report includes information from the following map sheet(s).



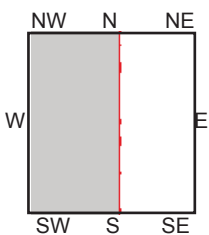
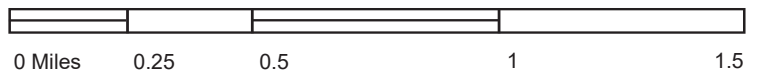
TP, Avena, 2012, 7.5-minute
E, Escalon, 2012, 7.5-minute

SITE NAME: Irwin Village Apartments
ADDRESS: 1310 Irwin Avenue
Escalon, CA 95320
CLIENT: Condor Earth Technologies, Inc





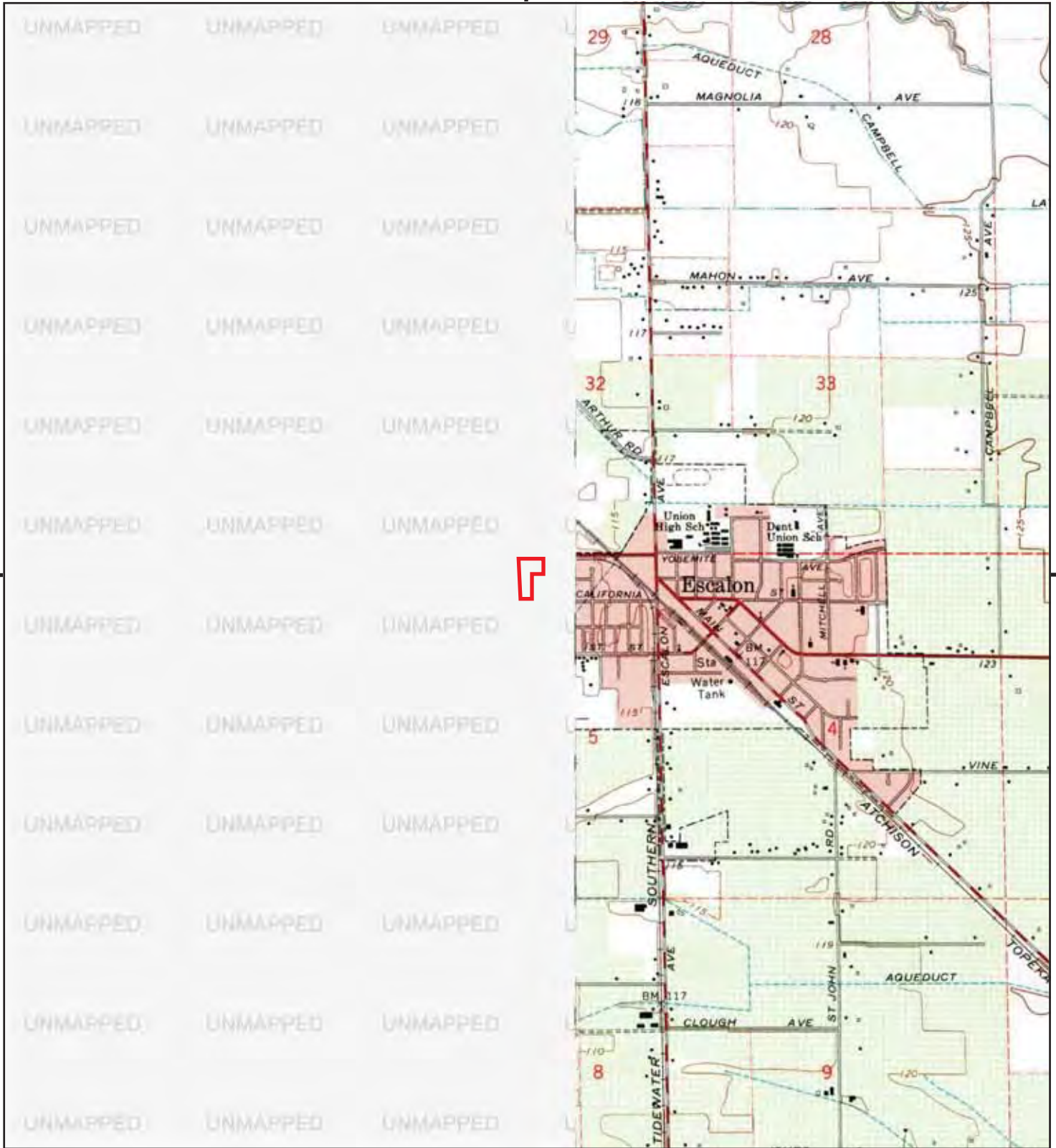
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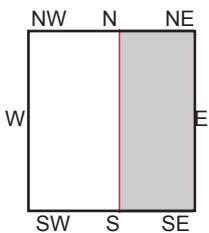
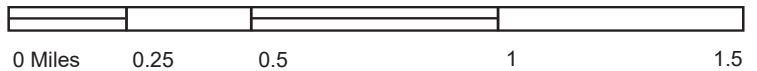
TP, Avena, 1994, 7.5-minute

SITE NAME: Irwin Village Apartments
 ADDRESS: 1310 Irwin Avenue
 Escalon, CA 95320
 CLIENT: Condor Earth Technologies, Inc





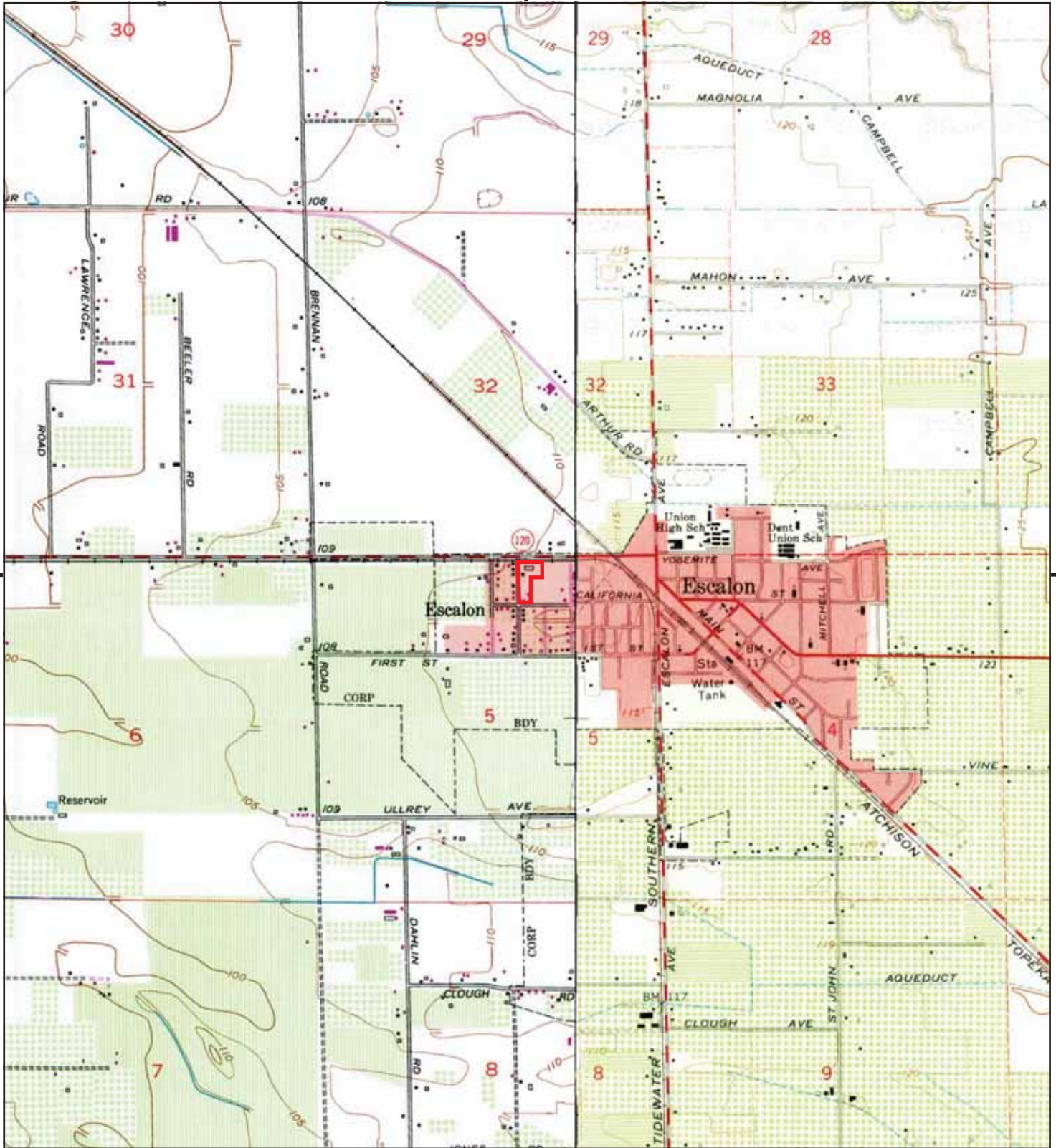
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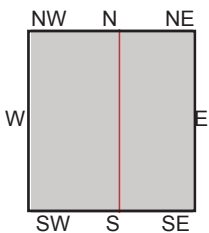
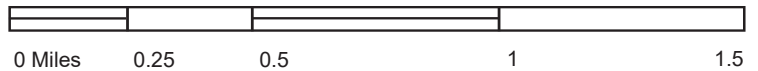
E, Escalon, 1976, 7.5-minute

SITE NAME: Irwin Village Apartments
 ADDRESS: 1310 Irwin Avenue
 Escalon, CA 95320
 CLIENT: Condor Earth Technologies, Inc





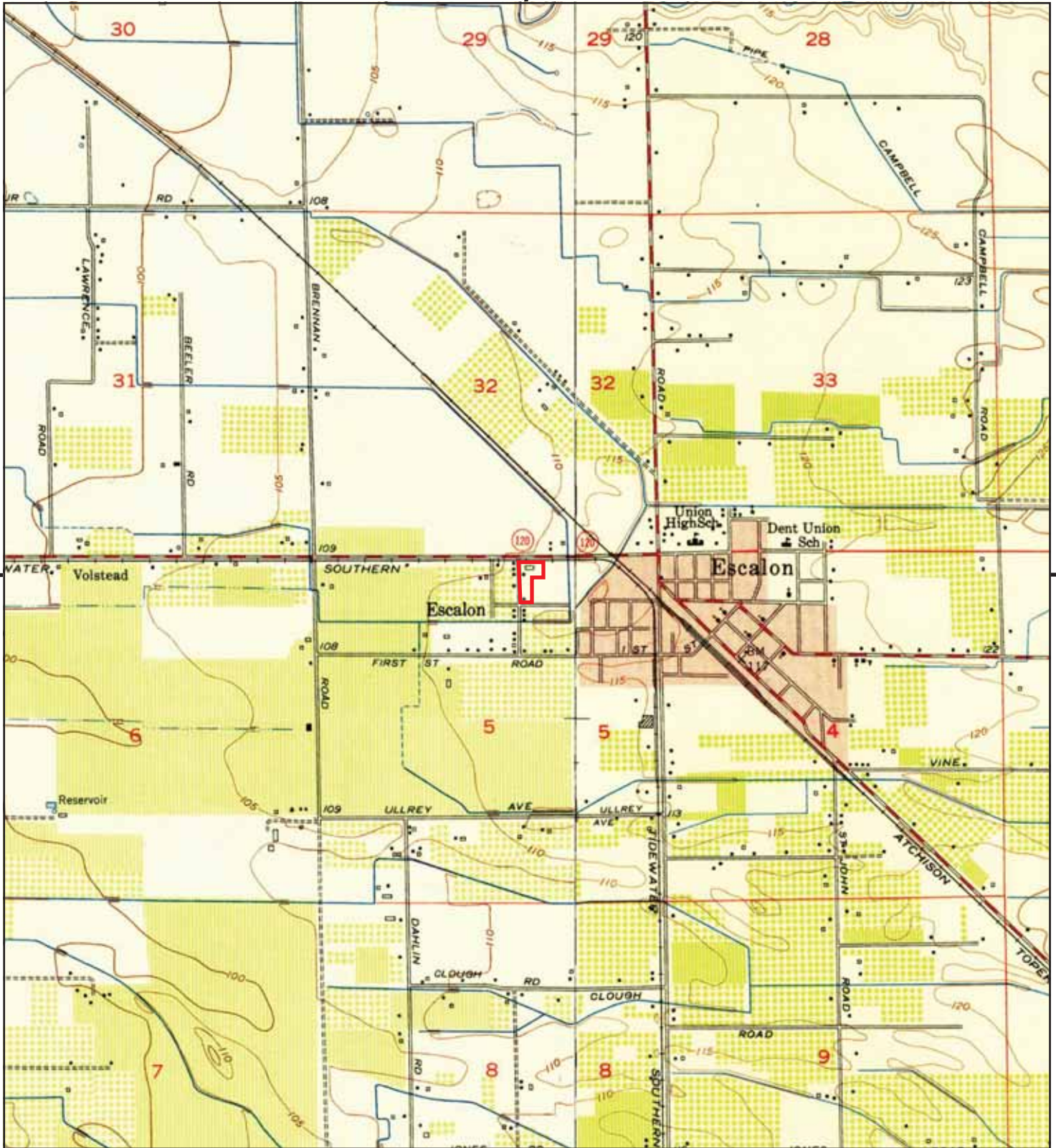
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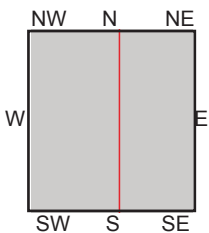
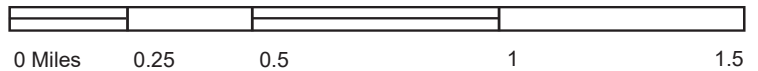
TP, Avena, 1968, 7.5-minute
E, Escalon, 1968, 7.5-minute

SITE NAME: Irwin Village Apartments
ADDRESS: 1310 Irwin Avenue
Escalon, CA 95320
CLIENT: Condor Earth Technologies, Inc





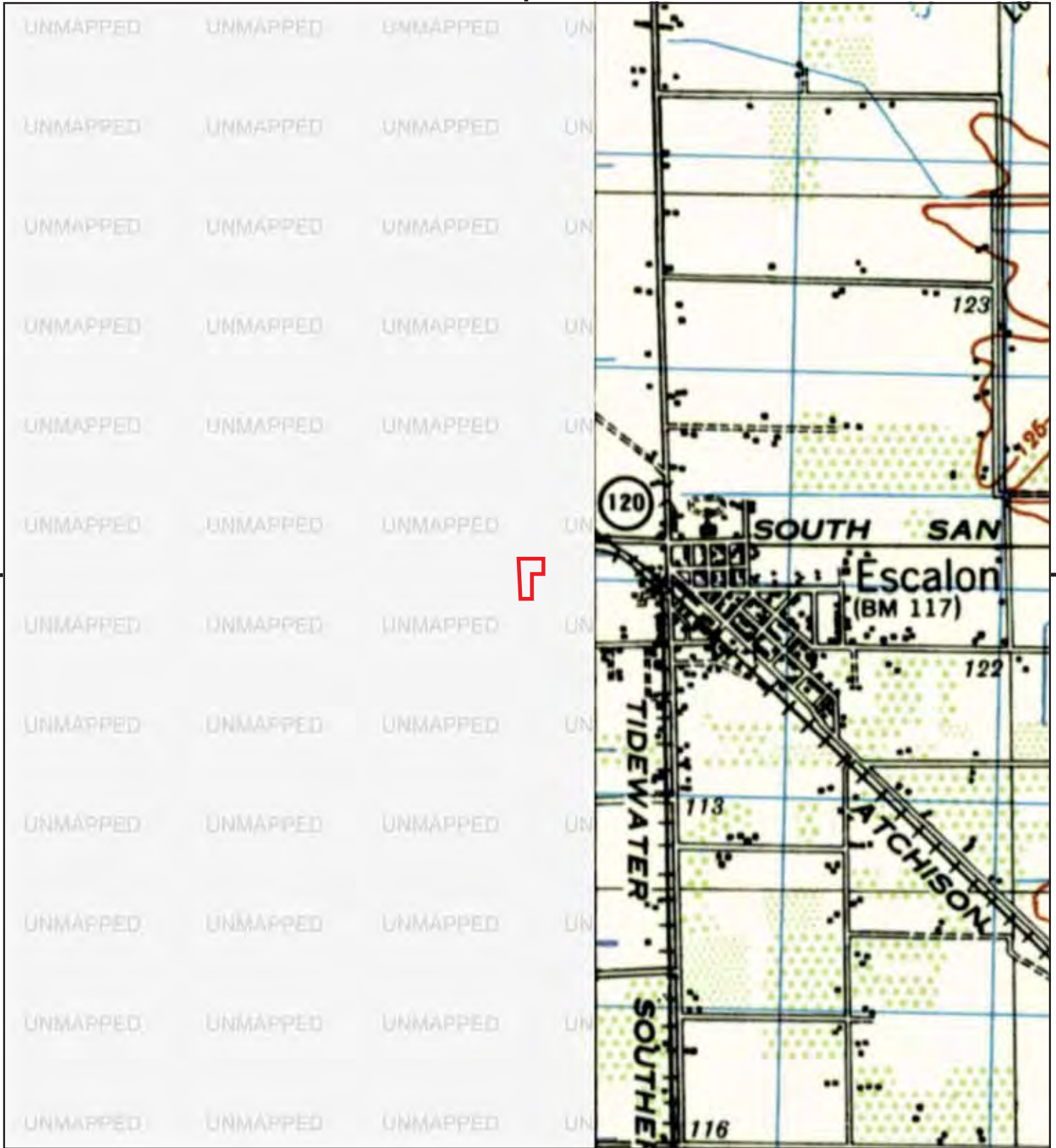
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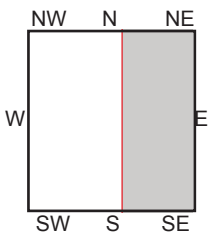
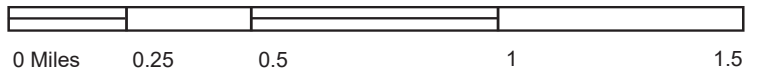
TP, Avena, 1952, 7.5-minute
E, Escalon, 1953, 7.5-minute

SITE NAME: Irwin Village Apartments
ADDRESS: 1310 Irwin Avenue
Escalon, CA 95320
CLIENT: Condor Earth Technologies, Inc





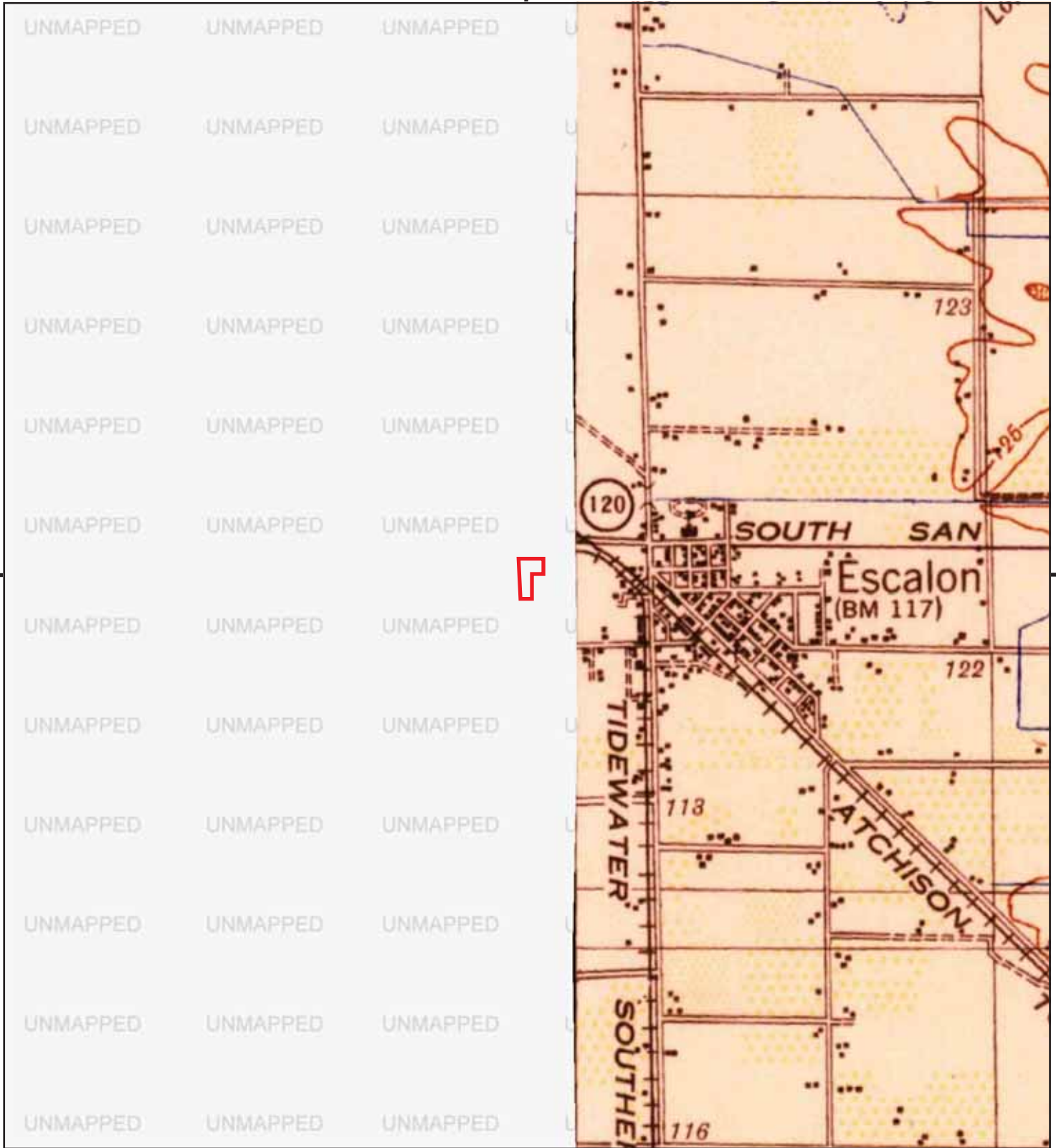
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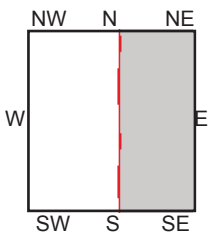
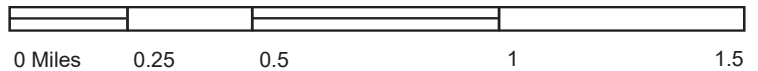
NE, FARMINGTON, 1948, 15-minute

SITE NAME: Irwin Village Apartments
 ADDRESS: 1310 Irwin Avenue
 Escalon, CA 95320
 CLIENT: Condor Earth Technologies, Inc





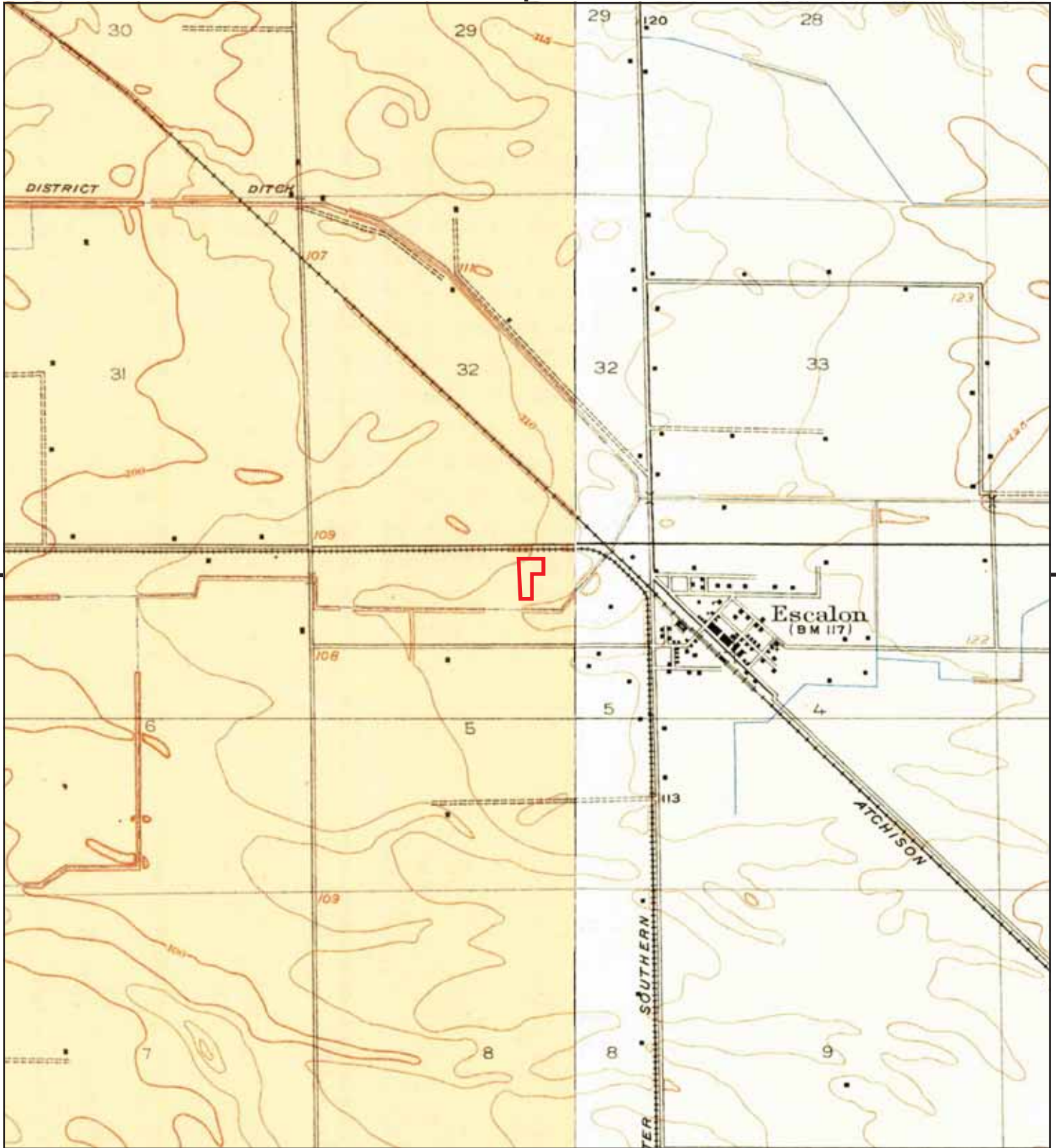
This report includes information from the following map sheet(s).



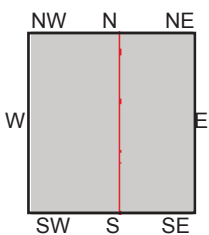
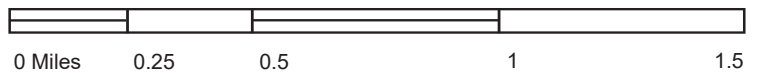
NE, Farmington, 1942, 15-minute

SITE NAME: Irwin Village Apartments
 ADDRESS: 1310 Irwin Avenue
 Escalon, CA 95320
 CLIENT: Condor Earth Technologies, Inc





This report includes information from the following map sheet(s).



TP, Avena, 1914, 7.5-minute
E, Thalheim, 1915, 7.5-minute

SITE NAME: Irwin Village Apartments
ADDRESS: 1310 Irwin Avenue
Escalon, CA 95320
CLIENT: Condor Earth Technologies, Inc





Irwin Village Apartments

1310 Irwin Avenue

Escalon, CA 95320

Inquiry Number: 6503137.8

May 20, 2021

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Site Name:

Irwin Village Apartments
 1310 Irwin Avenue
 Escalon, CA 95320
 EDR Inquiry # 6503137.8

Client Name:

Condor Earth Technologies, Inc
 188 Frank West Circle
 Stockton, CA 95206
 Contact: Rebecca Selvage



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Acquisition Date: May 09, 1993	USGS/DOQQ
1984	1"=500'	Flight Date: June 08, 1984	USDA
1982	1"=500'	Flight Date: June 14, 1982	USDA
1975	1"=500'	Flight Date: November 11, 1975	Cartwright
1973	1"=500'	Flight Date: June 02, 1973	USGS
1968	1"=500'	Flight Date: May 01, 1968	USGS
1963	1"=500'	Flight Date: June 08, 1963	USDA
1957	1"=500'	Flight Date: July 04, 1957	USDA
1950	1"=500'	Flight Date: March 03, 1950	USDA
1937	1"=500'	Flight Date: August 06, 1937	USDA

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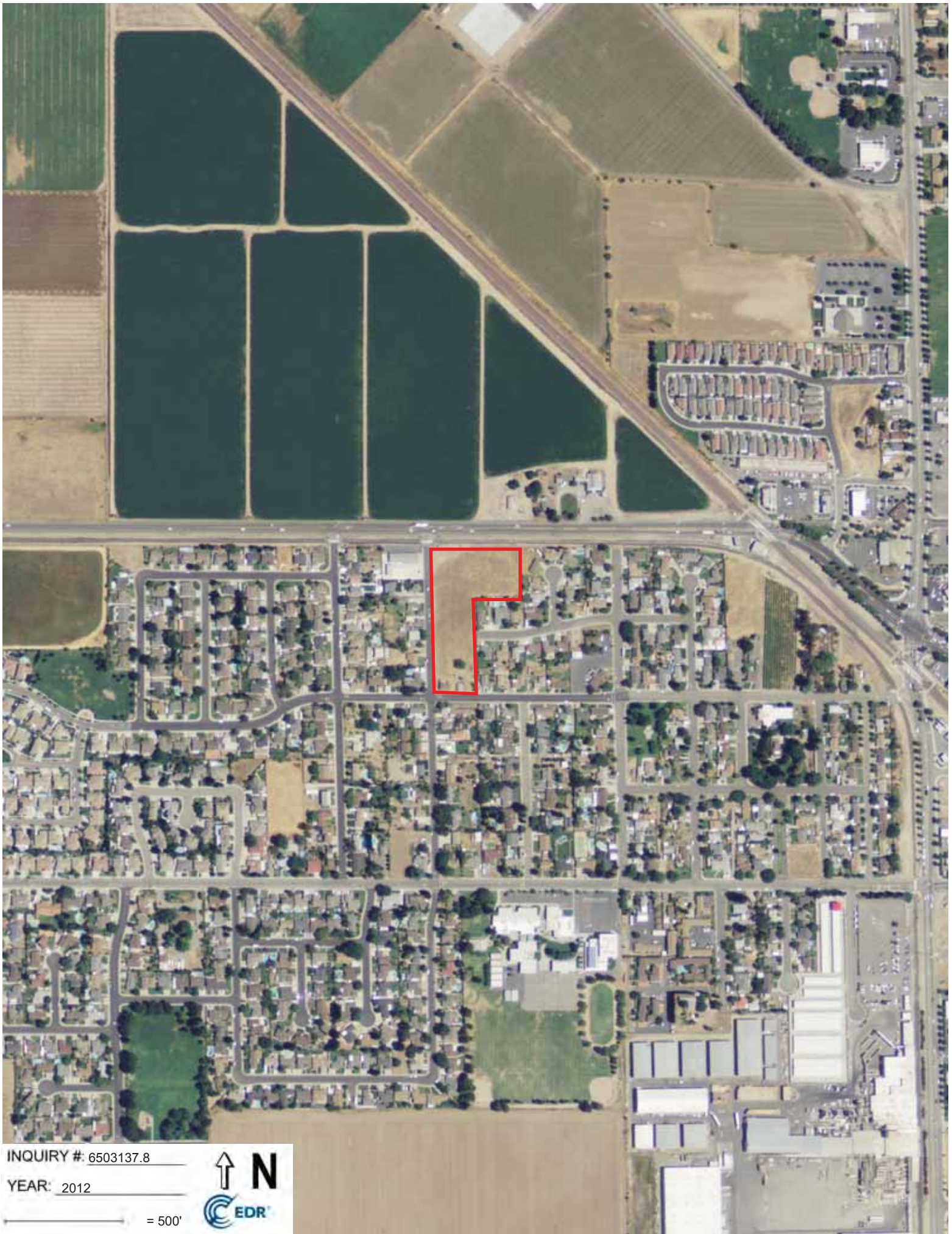


INQUIRY # 6503137.8

YEAR: 2016

— = 500'





INQUIRY #: 6503137.8

YEAR: 2012

— = 500'





INQUIRY #: 6503137.8

YEAR: 2009

— = 500'



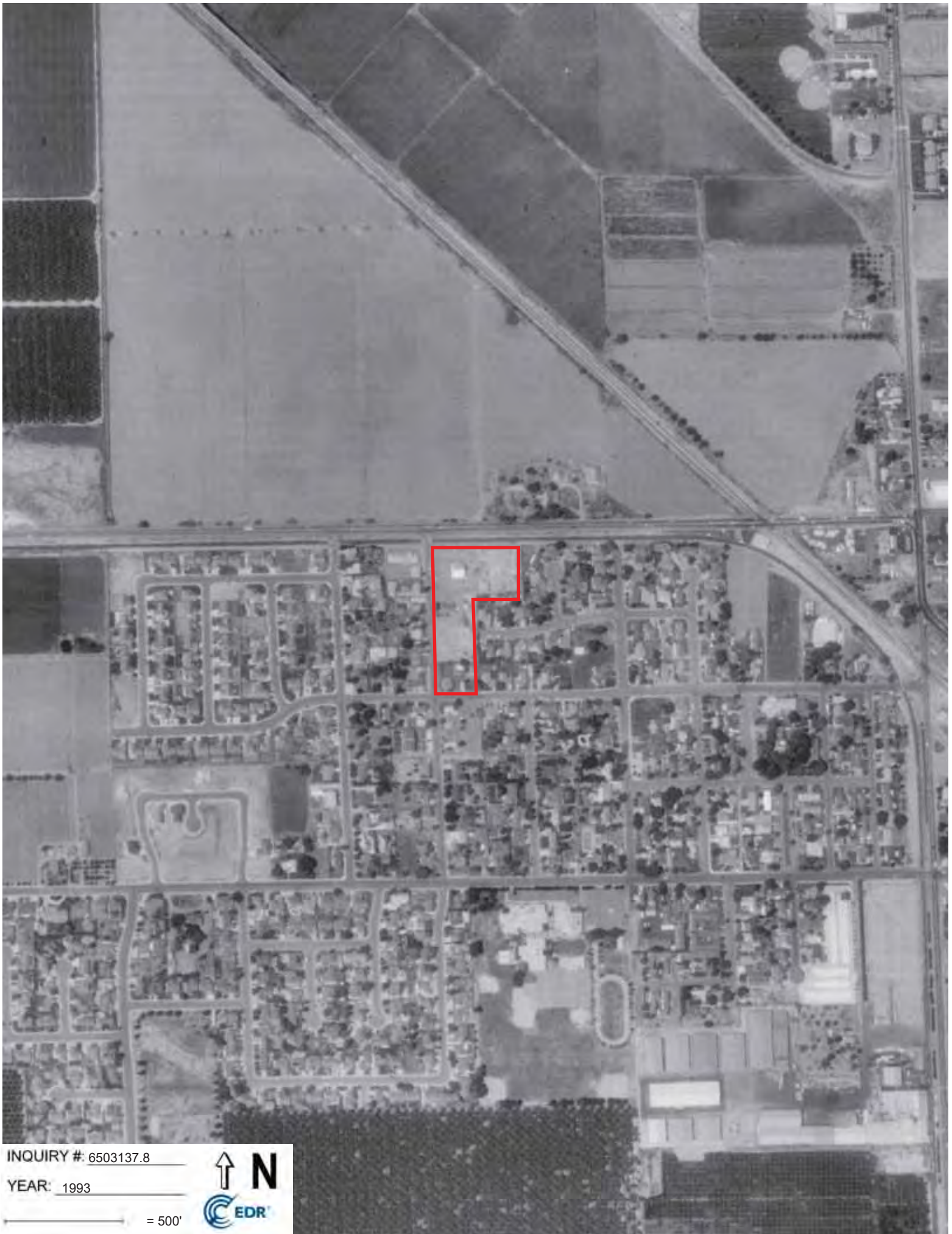


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YEAR: 2006

— = 500'





INQUIRY #: 6503137.8

YEAR: 1993

— = 500'





INQUIRY #: 6503137.8

YEAR: 1984

— = 500'





INQUIRY #: 6503137.8

YEAR: 1982

— = 500'





INQUIRY #: 6503137.8

YEAR: 1975

— = 500'

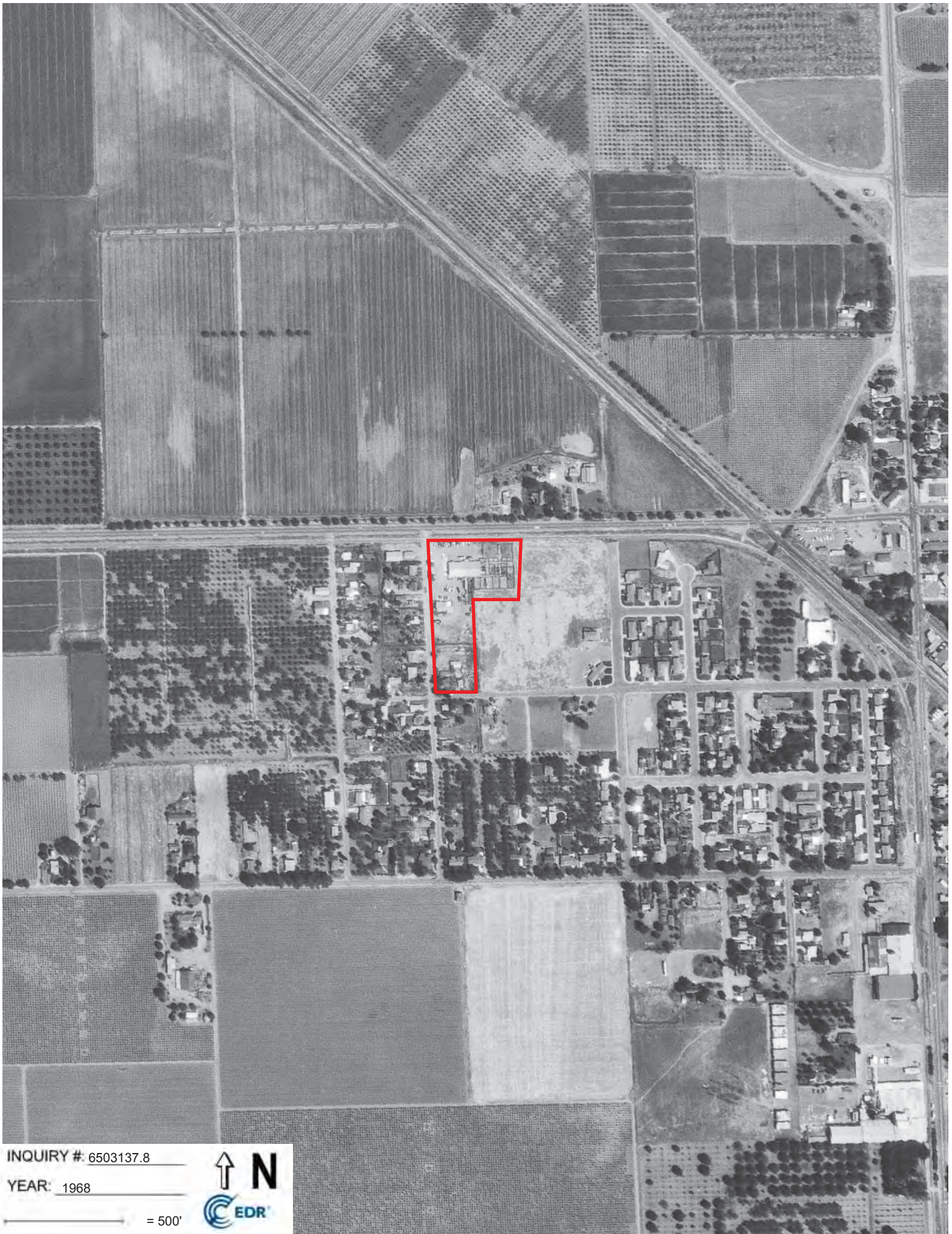


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YEAR: 1973

← = 500'





INQUIRY # 6503137.8

YEAR: 1968

— = 500'



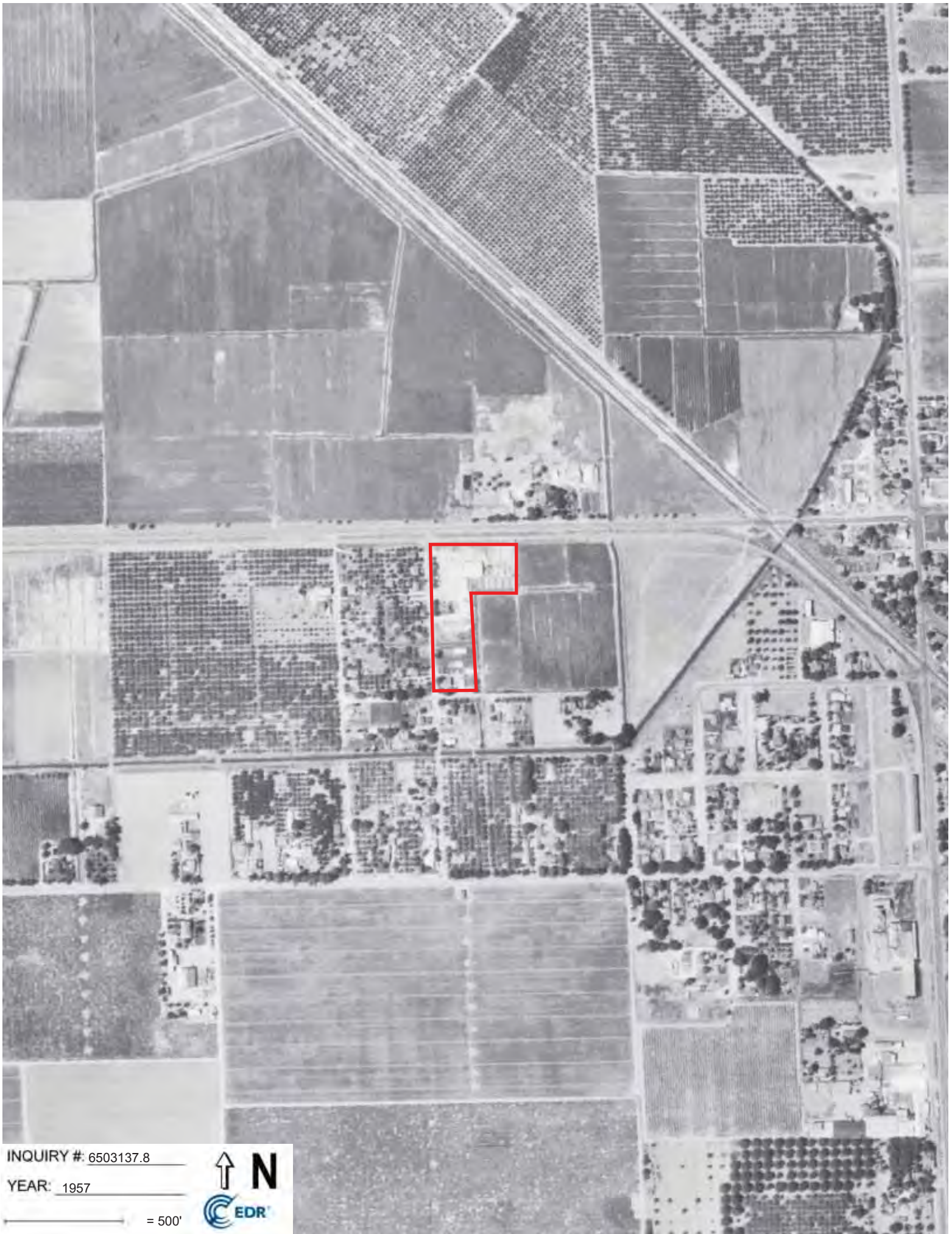


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YEAR: 1963

— = 500'



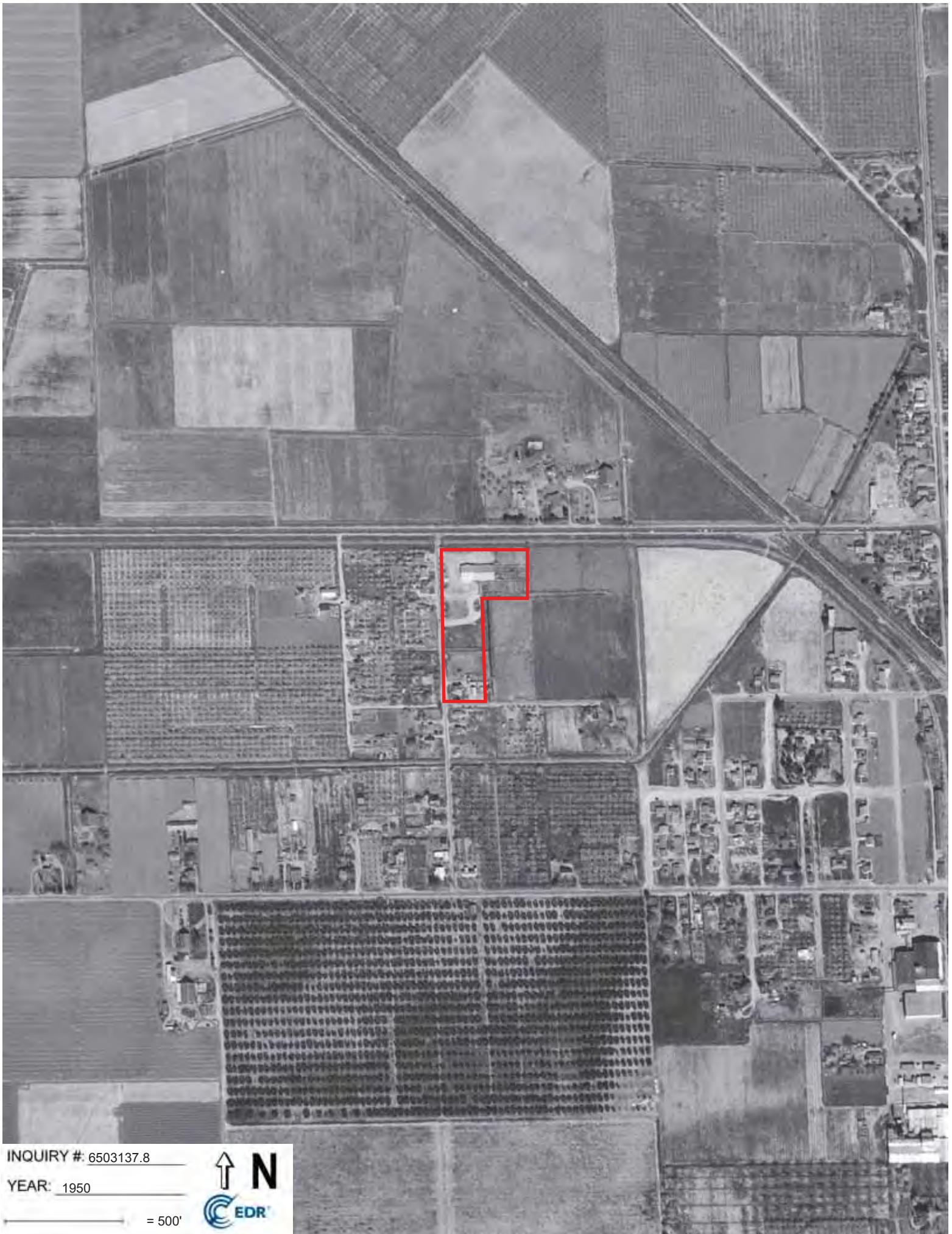


INQUIRY #: 6503137.8

YEAR: 1957

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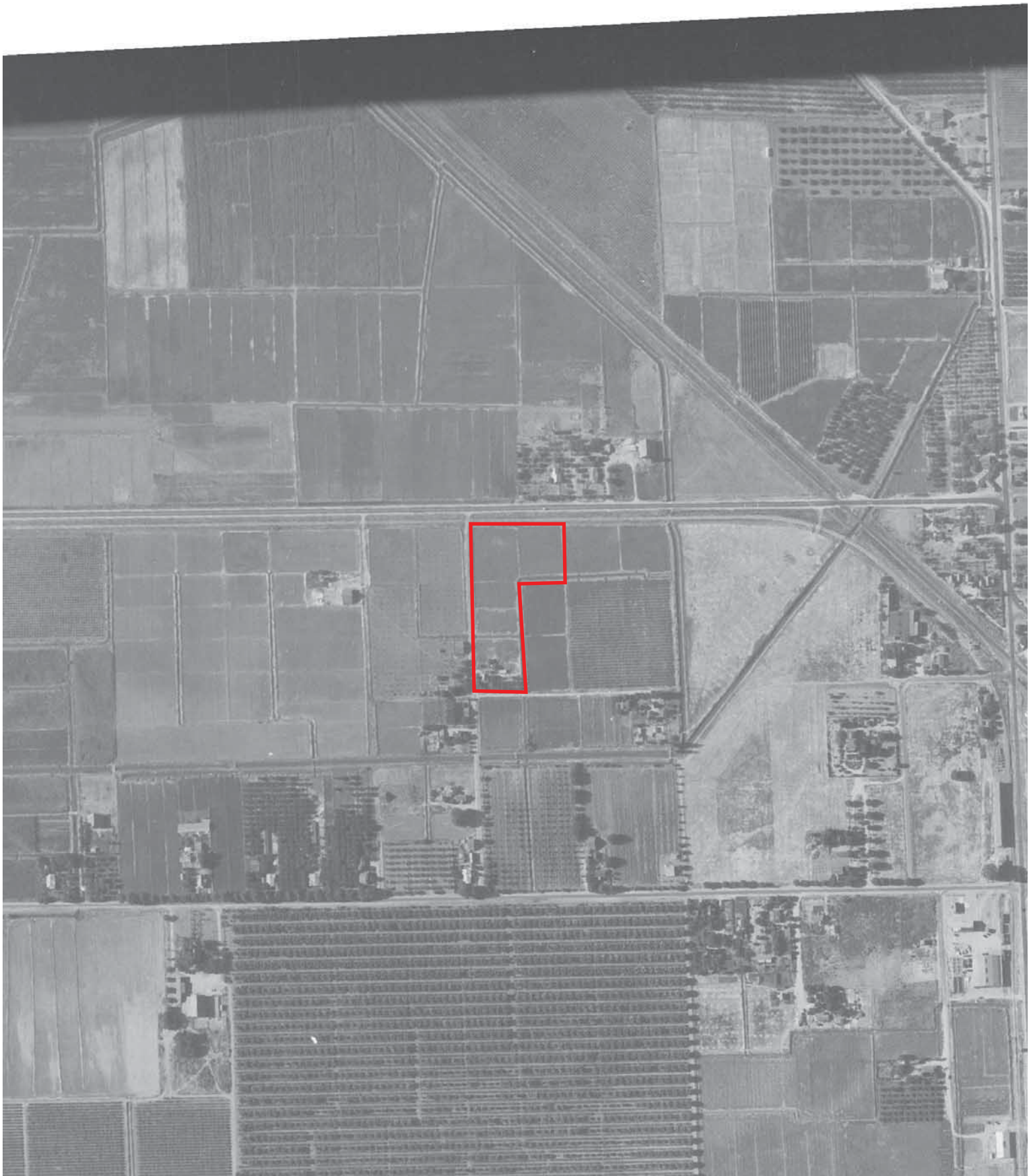


INQUIRY #: 6503137.8

YEAR: 1950

— = 500'





INQUIRY #: 6503137.8

YEAR: 1937

— = 500'



Irwin Village Apartments

1310 Irwin Avenue
Escalon, CA 95320

Inquiry Number: 6503137.5
May 26, 2021

The EDR-City Directory Image Report

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City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report 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 Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

infoUSA[®]

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1974	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1971	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

1310 Irwin Avenue
Escalon, CA 95320

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

CALIFORNIA ST

2017	pg A2	EDR Digital Archive
2014	pg A6	EDR Digital Archive
2010	pg A11	EDR Digital Archive
2005	pg A16	EDR Digital Archive
2000	pg A21	EDR Digital Archive
1995	pg A24	EDR Digital Archive
1992	pg A27	EDR Digital Archive
1985	pg A30	Haines Criss-Cross Directory
1985	pg A31	Haines Criss-Cross Directory
1981	pg A33	Haines Criss-Cross Directory
1981	pg A34	Haines Criss-Cross Directory
1977	pg A36	Haines Criss-Cross Directory
1974	pg A38	Haines Criss-Cross Directory
1974	pg A39	Haines Criss-Cross Directory
1971	pg A41	Haines Criss-Cross Directory
1971	pg A42	Haines Criss-Cross Directory

IRWIN AVE

2017	pg A5	EDR Digital Archive
2014	pg A10	EDR Digital Archive
2010	pg A15	EDR Digital Archive
2005	pg A20	EDR Digital Archive
2000	pg A23	EDR Digital Archive
1995	pg A26	EDR Digital Archive
1992	pg A29	EDR Digital Archive
1985	pg A32	Haines Criss-Cross Directory
1981	pg A35	Haines Criss-Cross Directory
1977	pg A37	Haines Criss-Cross Directory
1974	pg A40	Haines Criss-Cross Directory

FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
1971	pg A43	Haines Criss-Cross Directory
1971	pg A44	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

CALIFORNIA ST 2017

366 SIEPERDA, MATTHEW J
369 HOOD, MARGARET M
372 BIANCHINI, SCOTT
375 EWING, WILLIAM D
378 FITZGERALD, TIMOTHY J
379 PEREZ, GILBERT A
383 KEENAN, PHILIP T
384 JACOBS, MIKE W
387 CREES, APRIL M
390 WEIHER, TODD A
393 ABLETT, CANDACE J
396 GALLEGOS, ERNEST A
397 COLWELL, DWAYNE F
403 CAMPER, BOYD W
406 LAUGERO, JEFFREY M
409 SIPES, MICHAEL J
410 SHAW, GLEN J
413 SILVEIRA, ANGELA M
414 REYNOLDS, MARK A
418 EDWARDS, ELMER C
419 HALL, JOHN T
421 CORDRAY, KEVIN B
422 KESLER, ANTHONY J
426 JIMENEZ, JAMES M
429 WOLFE, RICHARD D
432 SWANSON, EDGAR A
436 MITTELSTADT, JESSE J
440 GATELY, STEVEN M
443 LAWRENCE, ROBERT L
444 BENNETT, DONALD L
447 FLEMING, LINDA M
448 SIEGEL, ERIC S
451 UNDERWOOD, LELAND E
455 BUSCH, WALTER K
459 PILGRIM, JEFFREY G
463 POMICPIC, REGINALD P
467 STOBER, ROBERT M
489 LAWRENCE, LARRY P
495 COSBY, GERALD F
501 BROWN, DARYL E
507 FAUCETT, GARRY L
508 MILBOURNE, DENNIS K
513 MEDINA, GUSTAVO
520 OWENS, DAVID D
525 JANSEN, GARY L
531 SANTISTEVAN, DANIEL
534 SILVA, RICHARD M
540 WHITE, SHARI L
543 ARAUJO, RENATO
555 TORNQUIST, PHILLIP G

CALIFORNIA ST

2017

(Cont'd)

556	CASTANEDA, MONICA
605	GUTIERREZ, JUAN J
623	SALAZAR, JACINTO
624	BUNCH, CALVIN C
626	SUTTON, JANET L
627	WILLIAMSON, COLEEN
633	CALAIS, EUGENE
680	WENDLAND, DENNIS R
713	WOOD, LEE
716	RHOTEN, ERIC D
719	BELLINGER, ALFRED L
722	MCDOWELL, RITA
728	SCHMIDT, ASHLYN
812	VANDERWERFF, PETE A
825	AVALOS, HUMBERTA M
850	SOMA KRISHNAMOORTHY MD
863	MOORE, JAMES T
904	LYNCH, RALPH C
910	BORBA, WESLEY W
916	DAVIS, PHYLLIS D
1012	EACHUS, ROBERT A
1030	SANTOS, MARIA
1040	HOOKS, TRAVIS
1044	HUEBNER, JUSTIN
1101	GOLDEN ACRES HOME & CARE
1131	CLARK, FRANA L
1136	POPE, KEITH W
1405	EMILS LIQUOR TEXACO
1410	AQUATIC DISCOUNT SCUBA CENTURY 21 PMZ REAL ESTATE WESTERN STEEL ERECTORS
1512	BIG DIPPER ICE CREAM
1518	CARQUEST AUTO PARTS
1744	ESCALON COUNTRY FLOWERS THE GREENHOUSE
1828	SCHOLZ, RICHARD
1840	BARBOZA, GILBERT
1900	TRINITY CHURCH ASSEMBLY OF GOD
2012	LANGUM, GENE R
2022	KELLER, STEVEN A
2030	TAYLOR, DAVID J
2031	VANWEERDHUIZEN, LESTER
2037	MAR, NAOMI
2038	ROBINSON, DALE D
2041	RODRIGUEZ, JUAN G
2104	BROWN, KATE
2107	GUILLEN, MARISOL T
2109	MENDOZA, VICTORIANO

CALIFORNIA ST**2017****(Cont'd)**

2112	MAUMOYNIER, WANDA K
2117	DAVIS, OLEN D
2120	KEYSER, JOSEPH D
2125	ANDERSON, DONALD D
2130	LYNN, TERRY D
2203	ESCALON CHRISTIAN REFORMED CHURCH
2211	BUSH, JAMES D
2214	VALK, BARNEY
2305	GALLOWAY, NANCY Z
2306	BORGES, ANTONIO M
2309	EISENGA, DAMON R
2313	NOVETZKE, WILLIAM F
2318	LAGINHA, SHELLY J
2321	WALLACE, MARVIN L
2325	PEELER, WALKER C
2326	GERACI, DOREEN J
2329	FOX, DUSTIN
2330	SOARES, GREGORY M
2334	KIRKPATRICK, JOHN R
2408	VITALE, JAMES J
2412	JONES, MICHAEL P
2413	REECE, RANDY A
2416	FELIX, JENNIFER M
2417	DEMPSEY, SHELLEY A
2420	MCCUTCHEON, MATT O
2421	GEERLOF, HARRY A
2424	MCKAY, DENNIS A
2425	LEWIS, JOHN S
2428	HOLBROOK, WILLIAM A
2432	POWERS, MIKE E
2433	RONNEBERG, PHYLLIS D
2436	VALENZUELA, ELOY E

IRWIN AVE 2017

1327	GALBREATH, ANTHONY J
1329	PENA, SAMUEL
1333	MENDEZ, MARIA D
1341	BARRERA, SOFIA D
1407	WECKERLY, ASHLEY R
1433	AYALA, TABIA
1506	THOMSON, WILLIAM
1515	GUEVARA, RICARDO C
1518	ACEVES, JOSE M
1523	BAUGUS, JAMES D
1524	RAMENO, MARIO P
1527	VUE, CHRISTOPHER
1529	STRICKLER, TARA M
1533	LOPEZ, JOHN H
1534	SILVA, DAN C
1601	FRANKLIN, CHRISTINE E
1604	VANDYKEN, PETER A
1618	STEVENS, DONALD W
1706	LIZARRAGA, FIDEL S
1707	FERNANDEZ, CHRISTIAN
1713	RIDOLA, SHIRLEY M
1718	JOHNSON, KENNETH L
1719	FILBRUN, BRUCE L
1724	HASKIN, LARRY A
1725	FARMER, ANDREW J
1730	AVILA, RAUL D
1731	VELASCO, ARTURO
1736	COLAGROSSI, PAULA A
1737	MILLER, DOROTHY J
1742	GANNON, RICK D
1743	SAWYER, RICHARD D
1748	STIME, MICHAEL
1749	PALMER, JOHN C
1754	MURPHY, JAMES E
1755	CRAIG, KATIE L
1760	RIGGS, BRADLEY
1766	VANHOUTEN, CHAD

CALIFORNIA ST 2014

366	INCORVAIA, GIACINTO S
369	HOOD, MARGARET M
372	RANGEL, JESUS M
375	EWING, WILLIAM D
378	SARKOZY, MARK D
379	PEREZ, GILBERT A
383	LIMA, LEO G
384	JACOBS, MIKE W
387	HOLT, ALBERT L
390	WEIHER, TODD A
393	ABLETT, CANDACE J
396	GALLEGOS, ERNEST A
397	COLWELL, DWAYNE F
402	OCCUPANT UNKNOWN,
403	CAMPER, BOYD W
406	LAUGERO, JEFFREY M
409	SIPES, MICHAEL J
410	SHAW, GLEN J
413	SILVEIRA, ANGELA M
414	REYNOLDS, MARK A
418	OCCUPANT UNKNOWN,
419	HALL, JOHN T
421	TOMLINSON, CHARLES H
422	COLLINS, DANETTE K
426	JIMENEZ, JAMES M
429	WOLFE, RICHARD D
432	SWANSON, EDGAR A
436	MELVIN, ERNEST L
439	OCCUPANT UNKNOWN,
440	GATELY, STEVEN M
443	LAWRENCE, ROBERT L
444	BENNETT, DONALD L
447	FLEMING, LINDA M
448	AUGUST, LAWRENCE A
451	UNDERWOOD, LELAND E
455	BUSCH, WALTER K
459	PILGRIM, JEFFREY G
463	POMICPIC, REGINALD P
467	STOBER, ROBERT M
489	OCCUPANT UNKNOWN,
495	COSBY, GERALD F
501	BROWN, ASHLEY L
507	DELATORRE, JOHN
513	OCCUPANT UNKNOWN,
514	ZAVALA, SALLY M
519	LAROSSA, RUSSELL J
520	PATTON, BRANDI A
525	JANSEN, GARY L
531	BARNEY, BEVERLY
534	SILVA, JOHN B

CALIFORNIA ST 2014 (Cont'd)

537	OLIVEIRA, MARIA B
543	DASILVA, ANNA
546	HERRERO, MATTHEW E
549	LANTING, JONATHON
550	BOSTER, DANIEL J
555	TORNQUIST, LAURA M
556	SWIFT, ROBERT E
562	CATALANO, ANGELIA
624	BUNCH, CALVIN C
625	BARSAMIAN, ROBERT P
626	SUTTON, JANET L
627	OCCUPANT UNKNOWN,
633	OCCUPANT UNKNOWN,
680	WENDLAND, DENNIS R
713	WOOD, BRANDON L
716	BANTA, BENJAMIN J
719	BELLINGER, ALFRED L
722	MCDOWELL, RITA
728	MOTT, DENA C
806	GREEN, KENNETH D
812	VANDERWERFF, PETE A
825	AVALOS, HUMBERTA M
845	BOLTON, STEVEN W
850	K RISHNAMOORTHY MD INCINTERNAL MEDI
857	VANGORKUM, LOREN D
863	WRIGHT, MIKE
904	LAFLAMME, BRADLEY
910	BORBA, LEROY E
916	GOVIA, RICHARD B
1012	EACHUS, ROBERT A
1030	SANTOS, MARIA
1034	OCCUPANT UNKNOWN,
1040	BOND, JEREMY
1044	OCCUPANT UNKNOWN,
1046	TEIXEIRA, DOROTHY L
1101	GOLDEN ACRES HOME & CARE LOPEZ M
1131	POWELL, WAYNE M
1136	POPE, KEITH W
1405	EMILS LIQUOR TEXACO STATION ESCALON
1410	ADT AUTHORIZED DEALER AQUATIC DISCOUNT SCUBA CENTURY 21 DISH NETWORK HARRIS, DEBBIE J D FINANCIAL WESTERN STEEL ERECTORS
1512	BIG DIPPER ICE CREAM
1518	ESCALON AUTO PARTS

CALIFORNIA ST 2014 (Cont'd)

1744	ESCALON COUNTRY FLOWERS GREENHOUSE THE
1811	OCCUPANT UNKNOWN,
1828	SCHOLZ, ROSEMAR A
1839	BOST, ELIZABETH C
1840	BARBOZA, GILBERT
1900	TRINITY CHURCH ASSEMBLY OF GOD
1903	NORTON, KIM
1907	OCCUPANT UNKNOWN,
2012	LANGUM, GENE R
2022	GRANILLO, JOHN P
2030	TAYLOR, DAVID J
2031	VANWEERDHUIZEN, LESTER
2037	OCCUPANT UNKNOWN,
2038	OCCUPANT UNKNOWN,
2041	OCCUPANT UNKNOWN,
2104	BROWN, KATE
2107	OCCUPANT UNKNOWN,
2109	TAYLOR, BRETT J
2112	MAUMOYNIER, WANDA K
2117	HUTSON, CHARLES D
2120	SAWYER, MICHAEL D
2122	COLLINS, JOE S
2125	ANDERSON, DAVID J
2130	LYNN, TERRY D
2131	PERSENAIRE, BRUCE A
2203	ESCALON CHRISTIAN REFORMED CHURCH
2204	MILLER, DANNY E
2211	BUSH, JAMES D
2214	CATON, GEORGIANA B
2305	GALLOWAY, NANCY Z
2306	BORGES, ANTONIO M
2309	EISENGA, DAMON R
2310	OCCUPANT UNKNOWN,
2313	OCCUPANT UNKNOWN,
2314	SCOTT, DEREK R
2317	CASTANEDA, CARLO M
2318	GONZALEZ, ERNEST A
2321	WALLACE, MARVIN L
2322	HOWEN, ANDREW K
2325	PEELER, KENNETH H
2326	OCCUPANT UNKNOWN,
2329	DO, KRISTEN
2330	SOARES, GREGORY M
2334	KIRKPATRICK, ROLLAND C
2408	VITALE, B
2409	OCCUPANT UNKNOWN,
2412	JONES, MICHAEL P
2413	REECE, RANDY A
2416	RODRIGUES, GARY A

CALIFORNIA ST 2014 (Cont'd)

2417	DEMPSEY, MARJORIE C
2420	MCCUTCHEON, LARRY B
2421	GEERLOF, HARRY
2424	MCKAY, DENNIS A
2425	OCHOA, DONALD C
2428	HOLBROOK, WILLIAM A
2429	VANVLIET, JOANN A
2432	TYLER, CURTIS A
2433	PHYLISS, RONNEBERG
2436	VALENZUELA, ELOY E

IRWIN AVE 2014

1303 CHURCH OF CHRIST
1327 GALBREATH, ANTHONY J
1329 GUERRERO, JESUS
1333 MENDEZ, MARIA
1341 BARRERA, SOPHIA
1407 OCCUPANT UNKNOWN,
1433 SMITH, KACI
1506 THOMSON, WILLIAM
1515 OCCUPANT UNKNOWN,
1518 OCCUPANT UNKNOWN,
1523 OCCUPANT UNKNOWN,
1524 RAMANO, FAUSTINO M
1525 BAUGUS, JAMES D
1527 MENDEZ, JESUS L
1529 OCCUPANT UNKNOWN,
1532 CRUMBLEY, JOHN N
1533 LOPEZ, JOHN H
1534 SILVA, DAN C
1601 FRANKLIN, CHRISTINE E
1604 VANDYKEN, PETER A
1618 STEPHANS, D
1621 CATRINA, DAN
1706 LIZARRAGA, FIDEL S
1707 FERNANDEZ, FRANCISCO G
1712 OCCUPANT UNKNOWN,
1713 RIDOLA, SHIRLEY M
1718 PUCKETT, REID M
1719 FILBRUN, BRUCE L
1724 HASKIN, LARRY A
1725 BALLANCE, JUSTIN B
1730 AVILA, RAUL D
1731 VELASCO, ARTURO
1735 COLAGROSS, CYNTHIA
1737 MILLER, DOUGLAS E
1742 GANNON, RICK D
1743 OGILVIE, ADAM P
1748 STIME, TREVOR R
1749 PALMER, JOHN C
1754 MURPHY, JAMES E
1755 FEATHERS, GARLAND R
1760 RIGGS, BRADLEY
1766 VANHOUTEN, JEFF A

CALIFORNIA ST 2010

366	INCORVAIA, EPIFANIA I
369	HOOD, MARGARET M
372	RANGEL, JESUS M
375	EWING, WILLIAM D
378	SARKOZY, MARK J
379	PEREZ, GILBERT I
383	LIMA, LEO G
384	JACOBS, MIKE W
387	HOLT, ALBERT L
390	WEIHER, TODD A
396	WILLIAMSON, BRIAN
397	COLWELL, DWAYNE F
402	OCCUPANT UNKNOWN,
403	CAMPER, BOYD W
406	LAUGERO, JEFFREY M
409	MAYER, JEFFREY M
410	SHAW, GLEN J
413	SILVEIRA, MARIA F
414	REYNOLDS, MARK A
418	VARGAS, JOHNNY R
419	HALL, JOHN T
421	TOMLINSON, CHARLES H
422	CORN, CHRISTOPHER L
426	OCCUPANT UNKNOWN,
429	WOLFE, RICHARD
432	MILLER, DONNA K
436	MELVIN, ERNEST L
439	OCCUPANT UNKNOWN,
440	BLIND SPOT
	GATELY, STEVEN M
443	LAWRENCE, ROBERT L
444	BENNETT, DONALD L
447	FLEMING, ROBERT L
448	AUGUST, LAWRENCE A
451	OCCUPANT UNKNOWN,
455	BUSCH, WALTER K
459	OCCUPANT UNKNOWN,
463	OCCUPANT UNKNOWN,
467	FLYNN, RICHARD P
489	SCHWANKER, MANUEL
495	COSBY, GERALD F
501	BROWN, DARYL B
507	DELATORRE, MARYLOU D
508	MILBOURNE, DENNIS K
513	STAGNO, BRIAN R
514	ZAVALA, SALLY M
519	OCCUPANT UNKNOWN,
520	NORTHCUTT, DIRK
525	JANSEN, GARY L
531	BARNEY, BEVERLY J

CALIFORNIA ST 2010 (Cont'd)

534	OCCUPANT UNKNOWN,
537	MENDONCA, MARIA B
540	THOLBORN, BAILEY A
543	MARCONETT, BRUCE L
546	OCCUPANT UNKNOWN,
549	GAINES, THOMAS
550	AFTER HOURS
	BOSTER, DANIEL J
555	OCCUPANT UNKNOWN,
556	SMITH, ROBERT
562	PANTOJA, GUILLERMINA
605	VIEYRA, XOCHITL
623	GUILLEN, JOSE M
624	BUNCH, CALVIN C
625	THORNOCK, NORINE C
626	SUTTON, THURMAN D
627	OCCUPANT UNKNOWN,
633	CORTESE, JENNIFER
680	WENDLAND, DENNIS R
713	WOOD, LEOTICE D
716	BANTA, BENJAMIN J
719	BELLINGER, ALFRED L
722	MCDOWELL, ROTA
728	OCCUPANT UNKNOWN,
806	GREEN, KENNETH D
812	TALABERA, OLGA
823	SALAZAR, JACINTO S
825	AVALOS, MANUEL A
845	BOLTON, WAYNE E
850	CORMIER BRIAN MD
	KRISHNAMOORTHY SOMA MD
857	OCCUPANT UNKNOWN,
863	CATHCART, KRISTIE D
906	FEENEY, MICHAEL T
910	HOOK, MAXINE L
916	GOVIA, RICHARD B
	RICHARDS PRESSURE WASHING
1012	EACHUS, ROBERT A
1030	WALLEN, PEGGY
1034	OCCUPANT UNKNOWN,
1040	POPPLEWELL, JASON
1044	OCCUPANT UNKNOWN,
1101	GOLDEN ACRES HOME & CARE
1131	OCCUPANT UNKNOWN,
1136	POPE, KEITH W
1405	EMILS LIQUORS
1410	DESIGN SOLUTIONS
	ESCALON FLORAL
	J D FINANCIAL
	M & M ASSOC

CALIFORNIA ST

2010

(Cont'd)

1518 ESCALON AUTO PARTS
 1744 GREENHOUSE
 1828 SCHOLZ, ROSEMAR A
 1839 MANCEBO, BRENDA
 1840 OCCUPANT UNKNOWN,
 1900 TRINITY CHURCH ASSEMBLY OF GOD
 1907 SANDOVAL, JESUS
 2012 LANGUM, GENE R
 2022 RING, BRIAN H
 2030 TAYLOR, DAVID J
 2031 VANWEERDHUIZEN, LESTER
 2037 OCCUPANT UNKNOWN,
 2038 RICHMOND, SHAWNA J
 2041 OCCUPANT UNKNOWN,
 2104 FISHER, KYLE R
 2107 RODRIGUEZ, MAXIMILIANO T
 2112 MAUMOYNIER, LOUIS G
 2117 HUTSON, CHARLES D
 2122 ANDREWS, TOM W
 2125 MONROE, ZACHARY T
 2130 LYNN, TERRY D
 2131 PERSENAIRE, BRUCE A
 2203 ESCALON CHRISTIAN REFORMED CHR
 2204 MILLER, DANNY E
 2211 OCCUPANT UNKNOWN,
 2214 CATON, GEORGIANA A
 2305 GALLOWAY, NANCY Z
 2306 BORGES, ANTONIO G
 2309 EISENGA, DAMON R
 2310 OCCUPANT UNKNOWN,
 2313 NOVETZKE, TIMOTHY A
 2314 SCOTT, DEREK R
 2317 CASTANEDA, CARLO M
 2318 AGUILAR, PHILLIP D
 2321 WALLACE, MARVIN L
 2322 OCCUPANT UNKNOWN,
 2324 GERACI, EUGENE
 2325 PEELER, KENNETH H
 2326 MILLARD, NICK J
 2329 AUGUSTO, JOSH P
 2330 SOARES, GREGORY M
 2334 KIRKPATRICK, JOHN R
 2408 VITALE, JAMES J
 2409 NAPIER, ANDY C
 2412 JONES, MICHAEL P
 2413 REECE, RANDY A
 2416 RODRIGUES, GARY A
 2417 DEMPSEY, WILLIAM S
 2420 MCCUTCHEON, LARRY B
 2421 GEERLOF, HENDRIK A

CALIFORNIA ST 2010 (Cont'd)

2424 MCKAY, DENNIS A
2425 OCHOA, DONALD U
2428 HOLBROOK, WILLIAM A
2429 SHAFTER, CHARLES M
2432 POWERS, MIKE E
2433 RONNEBERG, STEVEN C
2436 VALENZUELA, ELOY E

IRWIN AVE 2010

1303	CHURCH OF CHRIST
1327	SALDANA, JAIME
1329	PENA, SAMUEL
1333	MENDEZ, MARIA
1341	BARRERA, SOFIA D
1407	FREY, WALTER A
1433	HOOVER, SHIRLEY
1506	DAVENPORT, FRED S
1515	HERNANDEZ, ROSARIO
1518	ACEVES, JOSE M
1524	RAMANO, FAUSTINO M
1525	OCCUPANT UNKNOWN,
1527	OCCUPANT UNKNOWN,
1532	CRUMBLEY, JOHN N
1533	LOPEZ, JOHN
1534	SILVA, DAN C
1601	LAKE, GARY R
1604	VANDYKEN, PETER A
1618	STEPHANS, D
1619	GRAY, DOUGLAS G
1621	CATRINA, DAN
1706	LIZARRAGA, FIDEL S
1707	GARCIA, MARGARITA
1712	SUMETZ, WARREN J
1713	OCCUPANT UNKNOWN,
1718	PUCKETT, REID M
1719	FILBRUN, BRUCE L
1724	HASKIN, LARRY A
1725	BALLANCE, RODNEY T
1730	AVILA, FELIPE C
1731	VELAZCO, ESMERALDA
1736	OCCUPANT UNKNOWN,
1737	MILLER, DOROTHY J
1742	CARRICO, ROBERT
1743	OGILVIE, ADAM P
1749	PALMER, JOHN C
1754	MURPHY, JAMES E
1755	FEATHERS, GARLAND R
1760	BREUSS, JOHN E
1766	OCCUPANT UNKNOWN,

CALIFORNIA ST 2005

366	INCORVAIA, SALVATORE S
369	VASQUEZ, GILBERT
372	RANGEL, JESUS M
375	EWING, WILLIAM D
378	GALL, DANIEL
379	PEREZ, GILBERT I
383	LIMA, LEO G
384	MILLER, KISSTEN
387	HOLT, ALBERT L
390	WEIHER, TODD A
393	SILVA, PAUL
396	GALLEGOS, ERNEST A
397	COLWELL, DWAYNE F
402	SILVA, MICHELE
403	CAMPER, BOYD W
406	LAUGERO, JEFFREY M
409	SIPES, MICHAEL J
410	SHAW, GLEN J
413	OCCUPANT UNKNOWN,
414	MYERS, CHRISTOPHER J
418	VARGAS, JOHNNY R
419	HALL, JOHN T
421	TOMLINSON, CHARLES H
422	CORN, CHRISTOPHER L
426	JIMENEZ, JAMES M
429	EUBANKS, GREG E
432	MILLER, DOROTHY J
436	OCCUPANT UNKNOWN,
440	GATELY, STEVEN M
	THE BLIND SPOT
443	LAWRENCE, ROBERT L
447	FLEMING, ROBERT L
451	UNDERWOOD, JAMIE R
455	BUSCH, WALTER K
459	OCCUPANT UNKNOWN,
463	POMICPIC, REGINALD P
467	FLYNN, RICHARD P
489	SWANSON, TODD
495	COSBY, GERALD F
501	BROWN, DARYL B
508	MILBOURNE, DENNIS K
513	STAGNO, BRIAN R
514	ZAVALA, LOUIE P
519	LAROSSA, RUSSELL J
520	NORWOOD, DANIEL
525	JANSEN, MARC S
531	BARNEY, BEVERLY J
534	SILVA, JOSE V
537	OCCUPANT UNKNOWN,
540	RADFORD, MICHAEL W

CALIFORNIA ST

2005

(Cont'd)

543	MARCONETT, BRUCE L
546	HERRERO, ERIC B
549	HUGHES, DENNIS M
550	BOSTER, DANIEL J
555	TORNQUIST, PHILLIP G
556	SWIFT, ROBERT
562	OCCUPANT UNKNOWN,
605	SANDOVAL, MIGUEL
623	OCCUPANT UNKNOWN,
624	BUNCH, CALVIN C
625	SILVEIRA, JOSE
626	SUTTON, CHAD A
627	OCCUPANT UNKNOWN,
633	BLACKSMITH TOOL & MACHINE
	OCCUPANT UNKNOWN,
680	WENDLAND, DENNIS R
706	OCCUPANT UNKNOWN,
713	WOOD, ANDREA L
716	BANTA, BENJAMIN J
719	BELLINGER, ALFRED L
722	OCCUPANT UNKNOWN,
728	OCCUPANT UNKNOWN,
806	GREEN, KENNETH D
812	LANGSTON, O D
823	SALAZAR, JACINTO S
825	OCCUPANT UNKNOWN,
845	BOLTON, WAYNE
850	GUPTA & MOORTHY MDS
857	VANGORKUM, LOREN D
863	WHITE, ALLEN L
904	LYNCH, RALPH C
906	FEENEY, MICHAEL T
910	HOOK, MAXINE L
916	GOVIA, RICHARD B
1012	EACHUS, ROBERT A
1034	OCCUPANT UNKNOWN,
1040	LANCASTER, TROY L
1044	BRASIL, MANUEL S
1101	GOLDEN ACRES HOME & CARE
1136	POPE, KEITH W
1410	CENTURY 21M AND M ASSOCIATES
	DESIGN SOLUTIONS
	ESCOLAN FLORAL AND WICKER
	HARRIS, DEBBIE
	J D FINANCIAL INC
	SHATZ, ROXANNA L
1512	CALLIZOS DELI
1518	ESCALON AUTO PARTS
1744	COUNTRY FLOWERS
1811	TAYLOR, STACY L

CALIFORNIA ST

2005

(Cont'd)

1828 SCHOLZ, ROSEMAR A
 1840 TERRA, LUIS E
 1903 ANDERSON, HAROLD L
 1906 ESCALON FIRST ASSEMBLY OF GOD
 1907 COOK, JASON
 2012 LANGUM, GENE R
 2022 DAVISON, ANDREW S
 2030 TAYLOR, DAVID J
 2031 VANWEERDHUIZEN, LESTER
 2041 GALLEGOS, LAWRENCE R
 2104 KIMBERLY, KIMBERLY
 2109 KUNDERT, STACI
 2112 MAUMOYNIER, LOUIS G
 2117 HUTSON, CHARLES D
 2122 PARK AVENUE STAFFING SERVICES
 THORNTON WASH & DRY
 2125 POWELL, EVERETT K
 2130 LYNN, TERRY D
 2131 PERSENAIRE, BRUCE A
 2203 CHRISTIAN REFORMED CHURCH OF ESCALON
 2204 FEE, BARBARA B
 2211 LONGPRE, JAMES J
 2214 CATON, GEORGIANA B
 2305 GALLOWAY, JONNIE E
 2306 ELAM, MARTHA M
 2309 EISENGA, DAMON R
 2313 NOVETZKE, TIMOTHY A
 2314 SCOTT, DEREK R
 2317 CASTANEDA, CARLO C
 2318 GONZALEZ, ERNEST A
 2321 WALLACE, MARVIN L
 2322 OCCUPANT UNKNOWN,
 2324 GERACI, EUGENE
 2325 PEELER, KENNETH H
 2326 ALTAMIRANO, BRADY L
 2329 AUGUSTO, JOSH P
 2330 LEGRAND, LARRY J
 2334 KIRKPATRICK, JOHN R
 2408 VITALE, JAMES J
 2409 NAPIER, ANDY C
 2412 JONES, MICHAEL P
 2413 OCCUPANT UNKNOWN,
 2416 RODRIGUES, GARY A
 2417 DEMPSEY, SHELLEY A
 2420 MCCUTCHEON, LARRY B
 2421 GEERLOF, HENDRIK
 2424 MCKAY, DENNIS A
 2425 OCHOA, DONALD U
 2428 HOLBROOK, WILLIAM A
 2429 SEELEY, TIMOTHY J

CALIFORNIA ST

2005

(Cont'd)

2432 POWERS, MIKE E
2433 RONNEBERG, STEVEN C
2436 VALENZUELA, ELOY E

IRWIN AVE 2005

1303 CHURCH OF CHRIST
1327 HAYES, ROBERT A
1329 OCCUPANT UNKNOWN,
1333 TEIXERA, LAURA
1341 BARRERA, JOSE C
1407 FREY, WALTER A
1433 AYALA, MONDO A
1506 GARCIA, MARIO
1511 FREDERICK, RACHAEL J
1515 GUEVARA, EFRAIN R
1518 OCCUPANT UNKNOWN,
1523 OCCUPANT UNKNOWN,
1527 MATTHEWS, PHILLIP B
1529 SEEMAN, CHRYSE
1532 CRUMBLEY, JOHN N
1533 LOPEZ, JOHN
1534 SILVA, ROSE A
1601 RICHARDSON, GARY A
RICHARDSONS HOME MAINTENANCE
1604 VANDYKEN, PETER A
1618 STEPHANS, D
1619 GRAY, DOUGLAS G
1621 CATRINA, NICK D
1706 VELASCO, ARTURO
1712 SUMETZ, VERYL C
1713 SMITH, MICHAEL R
1718 PUCKETT, REID M
1719 FILBRUN, BRUCE L
1724 HASKIN, LARRY A
1725 BALLANCE, RODNEY T
1730 AVILA, RAUL
1731 OCCUPANT UNKNOWN,
1736 GARDNER, ANN
1737 MILLER, DOUGLAS E
1742 CARRICO, ROBERT
1743 OGILVIE, ADAM P
1748 ROLLINS, PATRICIA E
1749 PALMER, JOHN C
1754 MURPHY, JAMES E
1755 OCCUPANT UNKNOWN,
1760 NORTH CUTT, RANDY R
1766 OCCUPANT UNKNOWN,

CALIFORNIA ST 2000

507	DELA, PERRY DELATORRE, MARYLOU
508	NILBOURNE, DENNIS
513	HILLERMAN, DANNY R
514	ZAVALA, LOUIE P
519	LAROSSA, RUSSELL J
520	OCCUPANT UNKNOWN,
525	OCCUPANT UNKNOWN,
531	CODIROLI, CHRIS T
534	SILVA, JOHN
537	OLIVEIRA, MARIA B
540	OCCUPANT UNKNOWN,
543	MARCONETT, JULIE L
546	HERRERO, ERIC
549	HAMILTON, DARRELL
550	BOSTER, DANIEL J
555	RAY, F I
556	SWIFT, ROBERT
562	VALENZUELA, VINCENT
626	SUTTON, JANET L
627	OCCUPANT UNKNOWN,
680	WENDLAND, DENNIS
706	OCCUPANT UNKNOWN,
713	WOOD, LEOTICE D
716	POWERSBANTA, IRENE M
719	BELLINGER, ALFRED
722	OCCUPANT UNKNOWN,
728	OCCUPANT UNKNOWN,
806	GREEN, KENNETH
812	LANGSTON, O D
825	CHAVES, JOHN
845	BOLTON, WAYNE
850	CORMIER BRIAN P A C GARCIA, ROSA A GUPTA BRIJ MD
857	VANGORKUM, LOREN D
863	OCCUPANT UNKNOWN,
904	LYNCH, RALPH C
910	HOOK, RAY
916	GOVIA, RICHARD
1012	OCCUPANT UNKNOWN,
1040	ROSE, JACK
1044	OCCUPANT UNKNOWN,
1046	TEIXEIRA, D
1101	GOLDEN ACRES HOME & CARE
1405	EMILS LIQUORS WESTERN UNION TO PICK UP OR SEND MONEY TRANSFERS
1410	AVIARA ART GALLERY COLDWELL BANKER THE ESCALON REALTY COMPLETE CLEANERS & RESTORATIONS

CALIFORNIA ST 2000 (Cont'd)

1410 ESCALON FLORAL
ESCALON INSRNCE & INVSTMNT MARKET
HARRIS DEBBIE
J D FINANCIAL
RICO PFITZER PIRES & ASSOCIATE INSURANCE AGENCY INCORPORATED

1512 CALLIZOS DELI

1518 ESCALON AUTO PARTS

1710 OCCUPANT UNKNOWN,

1744 COUNTRY FLOWERS
ESCALON COUNTRY FLOWERS

1811 OCCUPANT UNKNOWN,

1828 SCHOLZ, WILLIAM

1839 OCCUPANT UNKNOWN,

1840 OCCUPANT UNKNOWN,

1907 CORTEZ, ROBERTO M

1920 ESCALON FIRST ASSEMBLY OF GOD

2012 LANGUM, GENE

2030 TAYLOR, MAURINE

2031 OCCUPANT UNKNOWN,

2037 OCCUPANT UNKNOWN,

2038 RICHMOND, SHAWNA J

2101 OCCUPANT UNKNOWN,

2107 OCCUPANT UNKNOWN,

2109 OCCUPANT UNKNOWN,

2112 MAUMOYNIER, LOUIS G

2117 CARPENTER, GARY A

2120 ANDREWS, THERESE M

2125 GOEDHART, SAM

2130 LYNN CONSTRUCTION
LYNN, TERRY D

2131 PERSENAIRE, BRUCE

2203 ESCALON CHRISTIAN REFORMED CHURCH

2204 FEE, CHARLES E

2211 LONGPRE R JAMES DDS
LONGPRE, R J

2214 CATON, ALERD

2313 CARSON, JANE

2314 FRONTIER LAND CO
HARVEST CREEK

2317 CASTANEDA, CARLOS C

2322 HOMEN, ANDREW K

2408 VITALE, A

IRWIN AVE 2000

1303 CHURCH OF CHRIST
1329 HAYES, MELA J
1333 FARIA, TANYA M
1341 OCCUPANT UNKNOWN,
1407 FREY, WALTER
1433 VANDYK, GREGORY A
1445 WENDLAND, DENNIS
1506 OCCUPANT UNKNOWN,
1511 OCCUPANT UNKNOWN,
1515 OCCUPANT UNKNOWN,
1518 SALAZAR, JACINTO J
1523 BYRD, RICHARD
1525 SCHULKAMP, DAO B
1527 OCCUPANT UNKNOWN,
1529 OCCUPANT UNKNOWN,
1532 OCCUPANT UNKNOWN,
1533 OCCUPANT UNKNOWN,
1534 SILVA, ROSE A
1601 RICHARDSON, GARY P
1604 VANDYKEN, PETER A
1618 GRAY, DOUGLAS
1621 CATRINA, NICK
1706 VELASCO, ARTURO
1707 TIPPETTS, JEROLD M
1712 SUMETZ, WARREN J
1713 MILLER, DOUGLAS E
1718 PUCKETT, REID M
1719 OCCUPANT UNKNOWN,
1724 HASKIN, LARRY
1725 OCCUPANT UNKNOWN,
1730 LAGIER, DEBRA L
1731 OCCUPANT UNKNOWN,
1736 OCCUPANT UNKNOWN,
1737 MILLER, D
1742 OCCUPANT UNKNOWN,
1743 VEENSTRA, JOHN
1748 ROLLINS, P
1749 PALMER, JOHN C
1754 MURPHY, MAUDE
1755 FEATHERS, E
1760 NORTHCUTT, RANDY R

CALIFORNIA ST 1995

489	BARBER, SANDRA
495	EVANS, RICK
507	DELATORRE, PERRY
508	ASHFORD, MAVIS
513	OCCUPANT UNKNOWNN
514	OCCUPANT UNKNOWNN
519	OCCUPANT UNKNOWNN
520	OCCUPANT UNKNOWNN
525	MORROW, ALMA
531	OCCUPANT UNKNOWNN
534	SILVA, JOHN
537	OLIVEIRA, MARIA B
543	OCCUPANT UNKNOWNN
546	HERRERA, HERRERO E
549	HAMILTON, DARRELL
550	OCCUPANT UNKNOWNN
555	BOLLS, F
556	OCCUPANT UNKNOWNN
562	VALENZUELA, VINCENT L
566	RUSCONI, DREW
623	SALAZAR, JACINTO S
625	OCCUPANT UNKNOWNN
626	SUTTON, DOYLE
627	OCCUPANT UNKNOWNN
713	WOOD, LEOTICE D
716	OCCUPANT UNKNOWNN
719	BELLINGER, ALFRED
722	ALLEN, OREN H JR
	OREN ALLEN CONTRACTING
728	PURICELLI, JOE
806	GREEN, KENNETH
812	LANGSTON, O D
825	CHAVES, JOHN
845	BOLTON, WAYNE
850	BRIJ GUPTA MD
	OCCUPANT UNKNOWNN
857	VANGORKUM, KEN
863	DAVIS, DIGBY R
904	LYNCH, RALPH C
910	HOOK, RAY
1012	OLSON, KEVIN
1030	OCCUPANT UNKNOWNN
1034	OCCUPANT UNKNOWNN
1040	ROSE, JACK
1044	HAMMOND, BART
1046	OCCUPANT UNKNOWNN
1101	GOLDEN ACRES HOME & CARE
1124	BEAUCHEMIN, STEVEN R
1136	POPE, KEITH
1405	EMILS LIQUORS

CALIFORNIA ST

1995

(Cont'd)

1410	BRIAN E ELLIOTT OFFICES ELEGANT BOOKWORM ESCALON FLORAL & WICKER KEITH KAJIOKA OFFICES KURT WHARTON DDS
1512	CALLIZOS DELI
1518	ESCALON AUTO PARTS
1710	STICE, RICHARD
1728	U HAUL CO UNION RENTALS & RECYCLING
1744	ESCALON COUNTRY FLOWERS
1828	WRIGHT, JOHN S
1839	OCCUPANT UNKNOWNN
1840	WRIGHT, JOHN
1903	GARDNER, TAMERA
1906	ESCALON FIRST ASSEMBLY OF GOD
1907	BRINKMAN, TERI
2012	LANGUM, GENE
2022	PATTRERSON, CHRIS
2030	TAYLOR, MAURINE
2031	DREW, MORGAN D
2037	PHELPS, ADA M
2038	OCCUPANT UNKNOWNN
2041	OCCUPANT UNKNOWNN
2104	OCCUPANT UNKNOWNN
2107	STARK, PETER
2109	EBBERS, RICHARD
2112	MAUMOYNIER, LOUIS G
2117	CARPENTER, LORAN C
2120	VEST, L E
2122	OCCUPANT UNKNOWNN
2125	OCCUPANT UNKNOWNN
2130	LYNN, TERRY D
2131	PERSENAIRE, BRUCE
2203	CHRISTIAN REFORMED CHURCH VANSMEERDYK, GERALD
2204	FEE, CHARLES E
2211	LONGPRE, R J
2305	GALLOWAY, JONNIE E

IRWIN AVE**1995**

1303	CHURCH OF CHRIST
1341	BARRERA, JOSE C
1407	FREY, WALTER
1433	OCCUPANT UNKNOWNN
1445	WENDLAND, DENNIS
1506	OCCUPANT UNKNOWNN
1511	ARAUZA, MARY
1515	HARTER, CHERYL
1523	LUDLOW, KERRY L
1525	OCCUPANT UNKNOWNN
1527	HUSMAN, ROBERT
1529	CAMPBELL, BRENDA A
1532	WOOD, FLOYD E
1533	ALCALA, V L
1534	SILVA, CARLOS
1601	DEBIE, MARION
1604	VANDYKEN, PETER A
1621	CATRINA, NICK
1707	TIPPETTS, JEROLD M
1712	SUMETZ, WARREN J
1713	MILLER, DOUGLAS E
1718	SAULS, B
1719	BRUCE FILBRUN PAINTING OCCUPANT UNKNOWNN
1724	HASKIN, LARRY
1725	MITCHELL, SHIRLEY J
1730	SCOLES, ALBERT
1731	JOHNSON, PAUL W
1736	BURT, ROSANN
1737	MILLER, DOROTHY J
1742	CAMPER, BOYD W
1743	VEENSTRA, JOHN
1748	TOWER, SHERI
1749	PALMER, JOHN C
1754	MURPHY, MAUDE
1755	OCCUPANT UNKNOWNN
1760	NORTHCUTT, RANDY R

CALIFORNIA ST 1992

495	GRAZIANI, PETE D
525	MORROW, ALMA
531	VAUGHN, DOUGLAS
534	SILVA, JOHN
546	HERRERO, ERIC
555	BOLLS, PATRICK S
556	DORR, CHARLES P
562	VALENZUELA, VINCENT L
605	BROWN, JOE E
623	REDDING, FLOSSIE
706	MACHADO, MIGUEL A
713	MUNOZ, FRANK C
719	BELLINGER, ALFRED
722	ALLEN, OREN H JR
	E C O ENTERPRISES
728	PURICELLI, JOE
806	GREEN, KENNETH
812	LANGSTON, O D
825	CHAVES, JOHN
845	BOLTON, WAYNE
850	HABENICHT JAMES MD
857	VANGORKUM, KEN
863	DAVIS, DIGBY R
904	LYNCH, RALPH C
910	HOOK, RAY
916	GOVIA, RICHARD
1012	OLSON, KEVIN
1030	ROSE, FAYE
1040	ROSE, JACK
1044	HAMMOND, BART
1046	TEIXEIRA, DOROTHY
1101	COMIA ESCALON GRDNS
1405	EMILS LIQUORS
1410	ELLIOTT L EDWARD OD
	ENJOYLIFE
	ESCALON FLORAL
	VALLEY CMTY CNSLG
	WHARTON KURT DDS
1512	CALLIZOS DELI
1518	ESCALON AUTO PARTS
1710	STICE, RICHARD
1728	UNION RENTALS CO
1744	COUNTRY FLOWERS
1828	WRIGHT, JOHN S
1840	WRIGHT, JOHN
1920	ESCALON FIRST ASBLY
2012	LANGUM, GENE
2030	TAYLOR, MAURINE
2031	MOSTOWSKI, RON
2038	MIDDLETON, FRANK

CALIFORNIA ST

1992

(Cont'd)

2112 MAUMOYNIER, LOUIS G
2117 LOPES, MARY M
2122 VEST, L E
2125 WAINWRIGHT, ROBERT K
2130 LYNN, TERRY D
2131 PERSENAIRE, BRUCE
2203 CHRISTIAN REFRMD CH

IRWIN AVE**1992**

1303	CHURCH OF CHRIST
1320	ESCALON LIVESTOCK
1333	FARIA, ALVIN
1341	LEDBETTER, VARA
1407	FREY, WALTER
1445	WENDLAND, DENNIS
1506	MYNEAR, CHARLIE
1511	ARAUZA, MARY
1515	SHIREY, J V
1525	PHILLIPS, MARK W
1532	WOOD, FLOYD E
1534	SILVA, CARLOS
1601	DEBIE, MARION
1604	VANDYKEN, PETER A
1621	CATRINA, NICK
1707	NASH, CRAIG B
1712	SUMETZ, WARREN J
1713	AQUINO, B
1718	THERRIAULT, CARY
1724	HASKIN, LARRY
1725	MITCHELL, S J
1736	HOTTINGER, CHRIS
1737	MILLER, DOROTHY J
1743	VEENSTRA, JOHN
1749	PALMER, JOHN C
1754	MURPHY, MAUDE
1755	FEATHERS, OVLEY F
1760	NORTHCUTT, RANDY R
1766	VANHOUTEN, ADRIAN

CALIFORNIA ST 1985

CALIFORNIA 95320
ESCALON

605	SMITH P D	838-1602 +5
623	REDDING FLOSSIE	838-7926 1
624	BUNCN CALVIN	838-2247
625	XXXX	00
626	SUTTON DOYLE	638-3090
627	HAMPTON DIANA	838-1390 1
633	MCDOWELL JIM	638-7219 4
706	OSCAR E L	838-1554 4
713	MUNOZ FRANK C	838-3498
719	BELLINGER ALFRED	838-3380 3
722	ALLEN O H JR	838-1135 9
728	PURICELLI JOE	838-3018 6
606	GREEN KENNETH	838-2990 3
612	LANGSTON O D	838-3139 4
625	ENNIS DAVID C	838-7194
845	BOLTON WAYNE	838-3376 0
850	HABENICHT JAMES MD	838-1536 4
857	VANGORKUM KEN	838-2549 1
663	DAVIS DIGBY R	838-3643
904	LYNCH RALPH C	838-3141
910	HOOK RAY	838-7504
916	XXXX	00
1012	LEVIN J S	838-1712 +5
1030	ROSE FAYE	838-7883
1040	ROSE JACK GONSTN	838-2074
1044	HAMMONO BART	838-7993
1046	MORTNUP DIANE	838-3773 7
1101	PIONEER MANOR	838-3965 8
1124	CADLOLO WINERT	838-2457 2
1131	XXXX	00
1136	NRONES A	838-3155 2
1138	XXXX	00
1405	EMILS LIQUORS & MOTEL	838-7674 7
	EMILS MOTEL & LIQUORS	838-7674
1410	ELLIOTT L EDWARD DO	838-7283 +5
	ESCALON FLORAL	838-1888 +5
	HILL C RL EST INVST	524-9444 1
	TRIBBEY CHARLES DO	838-7283 +5
	VELDSTRA R ADVISOR	838-2070 +5
	VELDSTRA RICK	838-2112 2
	WESTERN SV REAL EST	838-2112 2
1512	HOUSE OF CHEESE	838-2837 7
1518	ESCALON AUTO PARTS	838-7311
1710	STICE RICHARD	538-3429
1744	COUNTRY FLOWERS	838-1261 9
1811	XXXX	00
1828	WRIGHT JOHN S	838-7935
1639	XXXX	00
1840	XXXX	00
1903	XXXX	00
1906	XXXX	00
1907	PETERS LESTER A	838-2088 0
1920	FIRST ASMBLY GOD CH	838-3531 4
2012	LANGUM GENE	538-2853

CALIFORNIA ST 1985

CALIFORNIA		95320 CONT	
2022	HOOVER RON	838-1460	0
2030	TAYLOR MAURINE	838-3316	3
2031	KELLER DENNIS L	838-7453	
2037	RATHANY IV	838-2169	1
2038	MIDDLETON FRANK	638-2439	
2041	ENNIS JOAN	838-2762	
	ENNIS JOHN M	838-2762	2
2104	XXXX	00	
2109	XXXX	00	
2112	AHART KEVIN	838-3244	7
	MAUMOYNIER LOUIS G	838-3244	
2117	LORES M M	636-2835	
2122	VEST LAWRENCE E	838-2624	+ 5
2125	XXXX	00	
2130	BROWER DON	638-7663	4
2131	BIERMA MERLE REV	638-7294	0
2203	CHRISTIAN REFRMO CH	838-7223	
2204	XXXX	00	
2211	LONGPRE R JAS OOS	838-3218	
2214	EKHOLM PAUL A	838-7654	
2305	GALLOWAY N Z	638-3029	
2308	XXXX	00	
NG #	HASKIN C J MD	838-7334	3
	• 18 BUS 59 RES	7 NEW	



IRWIN AVE 1985

IRWIN AV 95320 ESCALON

RURAL ROUTE 1

1301	XXXX	00	
1303	CHURCH OF CNRIST	838-3209	
1315	XXXX	00	
1320	ESCALON LIVESTOCK	838-7011	2
1327	HAYES K	838-1729	+5
1329	XXXX	00	
1341	LEDBETTER VARA	838-2696	
1433	ANDERSON OIANE	838-3373	4
	SCHACK RANDY	838-3373	4
1445	COLEMAN JAS	838-3104	2
1448	XXXX	00	
1506	MYNEAR CHARLIE	888-7629	
1511	XXXX	00	
1515	SHIREY J V	838-7637	
1518	HARTER R L	838-1655	4
1523	XXXX	00	
1525	POOT WM JR	838-7665	1
1532	OLSON ERNEST	838-3253	4
1533	XXXX	00	
1534	SILVA CARLOS	838-7268	3
1601	OEBIE MARION	838-7140	3
1604	VANDYKEN PETER A	838-7066	1
1618	BRAZIL JOHN J	838-1159	+5
1621	SARGENTI JULIANA	838-7693	
	SARGENTI WALTER	838-7693	
1707	NASH CRAIG B	838-1497	+5
1712	SUMETZ WARREN J	838-1326	+5
1713	AQUINO BONIFACE	838-1765	+5
1718	SAND VINCE	838-1229	+5
1724	HASKIN BRAD	838-3990	1
	HASKIN LARRY	838-3990	
1725	GWARTNEY LARRY	838-1251	+5
1730	SCRIMSHER MIKE	838-2375	1
1736	RODRIGUEZ FRANK	838-1423	+5
1737	MILLER O	838-7176	+5
1742	LYNN TERRY D	838-2904	1
1743	HEARD CLIFF	838-3145	2
1748	XXXX	00	
1749	PALMER JOHN C	838-3696	2
1756	FEATHERS O F	838-3644	4
1766	VANHOUTEN AORIAN	838-2346	2
	* 2 BUS	39 RES	9 NEW

CALIFORNIA ST 1981

CALIFORNIA 95320

ESCALON

605	XXXX	00
623	REDDING FLOSSIE	838-7926 +1
624	BUNCH CALVIN	838-2247 4
625	WALKER ARCH T	838-2621 +1
626	SUTTON DOYLE	638-3006
627	HAMPTON DIANA	838-1390 +1
633	XXXX	00
706	NICHOLSON MARK	838-7754 0
713	MUNOZ FRANK C	838-3498 2
719	BELLINGER ALFRED	838-3388 3
722	ALLEN O H JR	838-1135 9
728	PURICELLI JOE	838-3018 6
806	GREEN KENNETH	838-2990 3
812	XXXX	00
825	ENNIS DAVID C	838-7194 4
845	BOLTON WAYNE	838-3376 0
850	XXXX	00
857	VANGORKUM KEN	838-2549 +1
663	DAVIS DIGBY R	838-3643 5

S & CO. INC

CALIFORNIA ST 1981

CALIFORNIA	95320 CONT
904	LYNCH RALPH C 838-3141
910	HOOK RAY 838-7684
916	SCHULZ BOB 838-3115 3
1012	XXXX 00
1030	ROSE FAYE 838-7683 4
1040	ROSE JACK CONSTR 838-2074
	ROSE TIM 838-2657 +1
1044	HAMMONO BART 838-7993
1046	NORTHROP DIAHE 838-3773 7
1101	PIONEER MANOR 838-3665 8
	PIONEER MANOR 838-9911 8
1124	CHARLES CADLOLO WNE 838-2457 +1
1131	XXXX 00
1138	HRONES A 838-7240 9
1138	XXXX 00
1405	EMILS LIQUORS&MOTEL 838-7674 7
1410	DOUGLAS B INS AGCY 638-1352 +1
	HILL C RL EST INVST 524-9444 +1
	HILL CAROLE RL EST 838-2112 +1
1512	HOUSE OF CHEESE DEL 838-2637 7
1518	ESCALON AUTO PARTS 638-7311
1710	STICE RICHARD 838-3429 4
1744	COUNTRY FLOWERS 638-1261 9
1811	XXXX 00
1828	WRIGHT JOHN S 838-7935
1839	XXXX 00
1840	SHORT RONALD 838-7279 0
1903	XXXX 00
1906	XXXX 00
1907	PETERS LESTER A 838-2088 0
1920	ASSEMBLY OF GOO 638-3531 9
2012	LANGUM GENE 838-2853
2022	HOOVER RON 838-1460 0
2030	TAYLOR MAURINE 838-3316 3
2031	KELLER DENNIS L 838-7453 5
2037	RATHANY IV 838-2169 +1
2038	MIDDLETON FRANK 838-2439
2041	ENNIS JOAN 838-2762 7
2104	OSWALD HOMER L 838-2145
2107	COLEMAN JAS 838-3104 +1
2109	XXXX 00
2112	AHART KEVIN 838-3244 7
	MAUMOYNIER LOUIS G 838-3244
2117	LOPES M M 838-2835
2122	VEST DONALD 838-2985
2125	XXXX 00
2130	BETTI BOB E 838-7663
2131	BIERMA MERLE 838-7294 0
2203	CHRISTIAN PEFRMD CH 638-7223
2204	XXXX 00
2211	LONGPRE R JAS DDS 838-3218
2214	EKHOLM PAUL A 838-7654
2305	GALLOWAY N Z 838-3029
2306	XXXX 00
NO #	HASKIN C J MD 838-7334 3
	• 13 BUS 61 RES 11 NEW

IRWIN AVE 1981

IRWIN AV 95320 ESCALON

RURAL ROUTE 1

1301	XXXX	00	
1303	CHURCH OF CHRIST	638-3209	4
1315	XXXX	00	
1320	ESCALON LVSTCK ACTN	838-245B	
	NICHOLSON GORDON	838-2458	0
	SURPRISES CRPT CLNG	578-4184	+1
1327	OLNEY JAMEA A JR	838-1427	9
1329	XXXX	00	
1341	LEDBETTER VARA	838-2696	
1433	CALDWELL CHAS B	838-2327	
1445	XXXX	00	
1448	XXXX	00	
1506	MYNEAR CHARLIE	838-7629	
1511	XXXX	00	
1515	SHIREY J V	838-7637	
1518	KOCH HELEN	838-2070	8
1523	XXXX	00	
1525	POOT WM JR	838-7665	+1
1532	XXXX	00	
1533	XXXX	00	
1534	SILVA CARLOS	838-7288	3
1601	DEBIE MARION	838-7140	3
1604	VANDYKEN PETER A	838-7088	+1
1618	SHARP FRED M	838-3903	+1
1621	SARGENTI JULIANA	838-7693	
	SARGENTI WALTER	838-7693	
1724	HASKIN BRAD	838-3990	+1
	HASKIN LARRY	838-3990	+1
1730	SCRIMSHER MIKE	838-2376	+1
1736	PERERIA A M	838-7187	+1
1742	LYNN TERRY D	838-2904	+1
1743	CASILLAS JOSE G	838-2745	D
★	3 BUS	29 RES	9 NEW

CALIFORNIA ST 1977

CALIFORNIA 95320 ESCALON		
605	XXXX	00
623	POWELL RANDY	838-7273+7
624	BUNCH CALVIN	838-2247 4
625	COOK JO ELLEN	838-2864+7
626	SUTTON DOYLE	838-3006
627	PARSONS LOREN	838-7974+7
633	XXXX	00
706	TIFFIN JOHN	838-2068 6
713	MUNOZ FRANK C	838-3498 2
719	BELLINGER ALFRED	838-3388 3
722	BASACKER BRIAN	838-3053 4
728	PURICELLI JOE	838-3018 6
806	GREEN KENNETH	838-2990 3
812	BREDAL M	838-3481+7
825	ENNIS DAVID C	838-7194 4
845	HERNANDEZ CRUZ C	838-7497 6
850	XXXX	00
857	FISHER GARY L	838-3486 5
863	DAVIS DIGBY R	838-3643 5
904	LYNCH RALPH C	838-3141
910	HOOK RAY	838-7604
916	BRYANT LORI	838-3496+7
	SCHULZ BOB	838-3115 3
1012	MUELLER PAUL C	838-3444 3
1030	ROSE FAYE	838-7883 4
1040*	ROSE JACK CONSTR	838-2074
1044	HAMMOND BART	838-7993
1046	NORTHUP DIANE	838-3773+7
1101	XXXX	00
1124*	CADLOLO WINERY	838-2457
1131	WILD RICHARD H	838-2050 5
1136	HRONES A	838-7240 3
1138	POVE K	838-2212+7
1405*	EMILS LIQUORS	838-7674+7
1410	XXXX	00
1512*	HOUSE OF CHEESE DEL	838-2837+7
1518*	ESCALON AUTO PARTS	838-7311
1710	STICE RICHARD	838-3429 4
1744*	FARMERS INS GROUP	838-7535
	*VILEN CARL	838-7535
1811	KINSLOW OLLIE	838-7577 3
1828	WRIGHT JOHN S	838-7935
1839	XXXX	00
1840	ATKINS ROBT REV	838-7279 4
1903	DOYLE LOUELLA	838-2293
1906*	ASSEMBLY OF GOD CH	838-3531 6
1907	JAMES B R	838-3702+7
	LEASE DOUGLAS K	838-7869 5
1920	XXXX	00
2012	LANGUM GENE	838-2853
2022	CROCKETT R L	838-3068 3
2030	TAYLOR MAURINE	838-3316 3
2031	KELLER DENNIS L	838-7453 5
2037	VANHOUTEN ADRIAN	838-2346+7
2038	MIDDLETON FRANK	838-2439
2041	ENNIS JOAN	838-2762+7
	ENNIS JOHN M	838-2762+7
	OSWALD RALPH	838-7661
2104	OSWALD HOMER L	838-2145
2107	HILTERBRAND CLEO JR	838-3653 4
2109	XXXX	00
2112	AHART KEVIN	838-3244+7
	MAUMOYNIER LOUIS G	838-3244
2117	LOPES M M	838-2835
2122	VEST DONALD	838-2985
2125	BAKER HUGH	838-7809
2130	BETTI BOB E	838-7663
2131	DEPATER JOHN REV	838-7294 6
2203*	CHRISTIAN REFRMD CH	838-7223
2204*	FEE C E NY LF INS	838-2261
2211	LONGPRE R JAS DDS	838-3218
2214	EKHOLM PAUL A	838-7654
2305	GALLOWAY N Z	838-3029
2306	XXXX	00
NO #	HASKIN C J MD	838-7334 3
	* 10 BUS 65 RES 14 NEW	

IRWIN AVE 1977

IRWIN AV 95320 ESCALON

RURAL ROUTE 1

1301	XXXX	00
1303	*CHURCH OF CHRIST	838-3209 4
1315	XXXX	00
1320	BOERSMA WM	838-2458
	*ESCALON LVSTCK ACTN	838-2458
1327	HAYES ERNEST	838-2603 5
1329	MAUMOYNIER TOM	838-3993+7
1333	XXXX	00
1341	LEDBETTER VARA	838-2696
1433	CALDWELL CHAS B	838-2327
1448	XXXX	00
1506	MYNEAR CHARLIE	838-7629
1515	SHIREY J V	838-7637
1518	GUNKEL JOE	838-3229+7
1523	MACSENTI WM	838-2079
1532	XXXX	00
1533	PANTOJA PONCIANO	838-3097 4
1534	SILVA CARLOS	838-7288 3
1601	DEBIE MARION	838-7140 3
1618	XXXX	00
1621	SARGENTI JULIANA	838-7693
	SARGENTI WALTER	838-7693
*	2 BUS 20 RES	2 NEW

CALIFORNIA ST 1974

CALIFORNIA 95320 ESCALON

605	XXXX	00
623	XXXX	00
624	BUNCH CALVIN	838-2247+4
625	XXXX	00
626	SUTTON DOYLE	838-3006
627	XXXX	00
706	XXXX	00
713	MUNOZ FRANK C	838-3498 2
719	BELLINGER ALFRED	838-3388 3
722	BASACKER BRIAN	838-3053+4
728	PADDACK WAYNE	838-3369 3
806	GREEN KENNETH	838-2990 3
825	ENNIS DAVID C	838-7194+4
845	XXXX	00
850	MCKAY MAHLON L MD	838-7331 2
863	SCHALLBERGER GARY	838-3256 2
904	LYNCH RALPH C	838-3141
910	HOOK RAY	838-7604
916	SCHULZ BOB	838-3115 3
1012	MUELLER PAUL C	838-3444 3

CALIFORNIA ST 1974

NORTH SAN JOAQUIN	
..CALIFORNIA	95320 CONT..
1030 ROSE FAYE	838-7883+4
1040 ROSE JACK	838-2074
1044 HAMMOND BART	838-7993
1046 BEAUCHEMIN STEVE R	838-7277+4
1101*ESCALN CMNTY AMBLNC	838-7381 3
*PICNEER MEDCL CLINC	838-2077 3
*PIONEER MMRL HOSP	838-7381
1124 BECK O S	838-3659+4
*CADLOLO WINERY	838-2457
1131 MIZE DEAN A	838-3217+4
1136 HRONES A	838-7240 3
1138 SKOURAS NICK	838-2212 3
1410*DONS GULF SERVICE	838-3319+4
1512*EMILS LIQUORS	838-7674
1518*ESCALON AUTO PARTS	838-7311
1710 STICE RICHARD	838-3429+4
1744*FARMERS INS GROUP	838-7535
*VILEN CARL	838-7535
1811 KINSLOW OLLIE	838-7577 3
1828 WRIGHT JOHN S	838-7935
1840 ATKINS ROBT REV	838-7279+4
1903 DOYLE LOUELLA	838-2293
1906 BURNETT F L SR	838-2211
BURNETT MYRTLE I	838-2211
1907 BROWN KENNETH D	838-7537+4
1920*ASSEMBLY OF GOD CH	838-2570
2012 LANGUM GENE	838-2853
2022 CROCKETT R L	838-3068 3
2030 TAYLOR MAURINE	838-3316 3
2037 KELLER M A	838-7152 3
2038 MIDDLETON FRANK	838-2439
2041 OSWALD RALPH	838-7661
2104 OSWALD HOMER L	838-2145
2107 HILTERBRAND CLEO JR	838-3653+4
2112 MAUMOYNIER LOUIS G	838-3244
2117 LOPES M M	838-2835
2122 VEST DONALD	838-2985
2125 BAKER HUGH	838-7809
2130 BETTI BOB E	838-7663
2131 CLARK H D REV	838-7656+4
2203*CHRISTIAN REFRMD CH	838-7223
2204*FEE C E NY LF INS	838-2261
2211 LONGPRE R JAS DDS	838-3218
2214 EKHOLM PAUL A	838-7654
2305 GALLOWAY N Z	838-3029
2306 ELAM ROY R	838-7167 2
NO # HASKIN C J MD	838-7334 3
* 12 BUS	55 RES 13 NEW

IRWIN AVE 1974

IRWIN AV 95320 ESCALON

RURAL ROUTE 1

1301	XXXX	00
1303	*CHURCH OF CHRIST	838-3209+4
1315	XXXX	00
1320	BOERSMA WM	838-2458
	*ESCALON LVSTCK ACTN	838-2458
1327½	PATRICK GARY DEAN	838-7877+4
1333	XXXX	00
1341	LEDBETTER VARA	838-2696
1433	CALDWELL CHAS B	838-2327
1448	XXXX	00
1506	MYNEAR CHARLIE	838-7629
1515	SHIREY J V	838-7637
1518	MYERS ROBERT S	838-2760
1523	MACSENTI WM	838-2079
1532	JACKSON LEE ROY	838-3606+4
1533	PANTOJA PONCIANO	838-3097+4
1534	SILVA CARLOS	838-7288 3
1601	DEBIE MARION	838-7140 3
1618	BONNEY ROBT	838-7610
1621	SARGENTI JULIANA	838-7693
	SARGENTI WALTER	838-7693
*	2 BUS 19 RES	4 NEW

CALIFORNIA ST 1971

CALIFORNIA 95320 ESCALON

605	BUNCH LARRY	838-3022
623	SILVA MANUEL A	838-7137
625	SWANSON VERNON	838-3053
626	SUTTON DOYLE	838-3006
633	MOYLE GEO T	838-2359
706	MURKEN DONNA	838-7617
	MURKEN MERLIN	838-7617
845	FREITAS MANUEL	838-3075
850	HARRIS HOWARD JR MO	838-7011
904	LYNCH RALPH C	838-3141
910	HOOK RAY	838-7604
916	PETERS ROONEY	838-7115
1012	LYLES B	838-2209
1030	SENER MARIE	838-2294
1040	ROSE JACK	838-2074
1044	HAMMONO BART	838-7993
1046	KNOX GARY O	838-2061
1101*	PIONEER MMRL HOSP	838-7381
1124*	CAOLOLO WINERY	838-2457
1131	SCOW WILMA	838-2226
1136	SKOURAS NICK	838-7240
1410*	ESCALON GULF SERV	838-7202
1512*	CABRAL EMIL	838-7674
	*EMILS LIQUORS	838-7674
1518*	ESCALON AUTO PARTS	838-7311
1710	PAYNE VERNON H	838-7664
1744*	FARMERS INS GROUP	838-7535
	*VILEN CARL	838-7535
1828	WRIGHT JOHN S	838-7935
1840	OLSON KEITH REV	838-3295
1903	DOYLE LOUELLA	838-2293
1906	BURNETT F L SR	838-2211
	BURNETT MYRTLE I	838-2211
1907	NOOEN LUCILLE M MRS	838-2782
1920*	ASSEMBLY OF GOD CH	838-2570
2012	LANGUM GENE	838-2853
2022	WENTWORTH FREORICK	838-3056
	WENTWORTH JUOY A	838-3056
2030	MARTIN L M	838-2492
2037	POOT WILLIAM	838-3252
2038	MIOOLETON FRANK	838-2439
2041	OSWALO RALPH	838-7661
2104	OSWALD HOMER L	838-2145
2112	MAUMOYNIER LOUIS G	838-3244
2117	LOPES M M	838-2835
2122	VEST DONALD	838-2985

CALIFORNIA ST 1971

2125	BAKER HUGH	838-7809
2130	BETTI 808 E	838-7663
2131	VOSKUIL L REV	838-7656
2203*	CHRISTIAN REFRMO CH	838-7223
2204*	FEE C E NY LF INS	838-2261
2211	LONGPRE R JAS DOS	838-3218
2214	EKHOLM PAUL A	838-7654
2305	GALLOWAY N Z	838-3029
2306	OORNAN GARY	838-2035
	OORNAN I W	838-2035
	OORNAN ROBT	838-2035
ND #	HASKIN C J MO	838-7334
*	11 BUS 47 RES	

IRWIN AVE 1971

IRWIN AV 95320 ESCALON

1315	PAYNE CLYDE	838-7942
1320	BOERSMA WM	838-2458
	*ESCALON LVSTCK ACTN	838-2458
1327 $\frac{1}{2}$	HAYES J T	838-3131
1341	LEOBETTER VARA	838-2696
1433	CALOWELL CHAS B	838-2327
1448	COWDEN T L	838-3197
1506	MYNFAR CHARLIE	838-7629
1515	SHIREY J V	838-7637
1518	MYERS ROBERT S	838-2760
1523	MACSENTI WM	838-2079

whosoever except as authorized in writing by Haines & Co., Inc.

IRWIN AVE 1971

1532	JOHNSON BRUCE	838-7265
1533	EDMONDS J O	838-7165
1601	RUITER JOHN	838-2982
1618	BONNEY ROBT	838-7610
1621	SARGENTI JULIANA	838-7693
	SARGENTI WALTER	838-7693
*	1 BUS	16 RES

APPENDIX E

PHASE I ENVIRONMENTAL SITE ASSESSMENT HAZARDOUS MATERIALS QUESTIONNAIRE

This questionnaire has been prepared by Condor Earth Technologies, Inc. (Preparer) by request of the prospective purchaser of the property. You are receiving this questionnaire because your property is being evaluated for potential hazardous materials pursuant to the due diligence process. In order to determine if hazardous materials may be present in soil, groundwater, or in building materials, all reasonably obtainable information must be solicited from persons knowledgeable about the history of the property. Hazardous materials include agricultural chemicals, petroleum products (oils and fuels), and unknown chemical spills. The questionnaire is voluntary on your part, as part of the customary practice we are conducting. Please respond to the best of your ability at your earliest convenience. When responding in the affirmative please circle or indicate property or adjoining property. To provide additional information, please describe reason for any affirmative answers on a separate sheet of paper. If you have questions, please contact Alex Dewitt at (209) 601-4631. Thank you for your attention to this matter.

QUESTION	OBSERVED DURING SITE VISIT	OWNER	OCCUPANTS
1. To the best of your knowledge, has the <i>property</i> or any <i>adjoining property</i> used for an industrial use presently or in the past?	Yes _____ No <u>X</u> _____ Unknown _____ <i>Stockyard</i>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
2. To the best of your knowledge has the <i>property</i> or any <i>adjoining property</i> been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes _____ No <u>X</u> _____ Unknown _____	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
3. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automobile or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the <i>property</i> or at the facility?	Yes _____ No _____ Unknown <u>X</u> _____	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____

Initials: _____

QUESTION	OBSERVED DURING SITE VISIT	OWNER	OCCUPANTS
4. Are there currently, or to the best of your knowledge have there been previously, any industrial <i>drums</i> (typically 55 gal [208 L]) or sacks of chemicals located on the property or at the facility?	Yes _____ No _____ Unknown <u>X</u>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
5. Has <i>fill dirt</i> been brought onto the property that originated from a contaminated site or that is of an unknown origin?	Yes _____ No _____ Unknown <u>X</u>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
6. Are there currently, or to the best of your knowledge have there been previously, any <i>pits, ponds, or lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	Yes _____ No _____ Unknown <u>X</u>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
7. Is there currently, or to the best of your knowledge have there been previously, any stained soil on the <i>property</i> ?	Yes _____ No _____ Unknown <u>X</u>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
8. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	Yes _____ No _____ Unknown <u>X</u>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
9. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> ?	Yes <u>X</u> _____ No _____ Unknown _____ <i>sewer vent pipes from home</i>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
10. Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	Yes _____ No _____ Unknown <u>X</u>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____

Initials: _____

QUESTION	OBSERVED DURING SITE VISIT	OWNER	OCCUPANTS
11. Are there currently, or to the best of your knowledge have there been previously, any wells pipes open to the subsurface, or sumps located on the property.	Yes <input checked="" type="checkbox"/> No _____ Unknown _____ <i>well/pump house</i>	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
12. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of <i>environmental liens</i> or governmental notification relating to the past or recurrent violations of environmental laws with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes _____ No <input checked="" type="checkbox"/> Unknown _____	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
13. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past or current existence of <i>hazardous substances</i> or <i>petroleum products</i> or environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes _____ No <input checked="" type="checkbox"/> Unknown _____	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
14. Does the <i>property</i> discharge wastewater on or adjacent to the <i>property</i> other than storm water into a sanitary sewer system?	Yes _____ No <input checked="" type="checkbox"/> Unknown _____	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
15. To the best of you knowledge, have any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the <i>property</i> ?	Yes _____ No <input checked="" type="checkbox"/> Unknown _____	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____
16. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCB's on the <i>property</i> ?	Yes _____ No <input checked="" type="checkbox"/> Unknown _____	Yes _____ No _____ Unknown _____	Yes _____ No _____ Unknown _____

Initials: _____

The preparer of this form must complete the following required information.

This questionnaire was completed by:

Name: John Lane

Title: PG 6795

Firm: Cundor Earth Technology, Inc.

Address: 188 Frank West Cr. Suite I
Stockton CA 95206

Phone Number: 209-743-7443

Date: 08/03/2021

If the preparer is different than the user, complete the following:

Name of User: Hershey Authority of the County of San Joaquin

Address of User: 2575 Grand Canal Blvd.
Stockton CA 95207

Phone Number of User: 209-460-5042

Relationship of Preparer to Site: NA

Relationship of Preparer to User: Principal
 Employee
 Agent
 Consultant
 Other: _____

Preparer represents that to the best of his/her knowledge the above statements and facts are true and correct and to the best of his/her actual knowledge no material facts have been suppressed or misstated.

Date: 08/03/2021 Name: John Lane, PG 6795

Title: Senior Geologist

Initials: _____

APPENDIX F

**Proposal and Scope of Work
PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**IRWIN VILLAGE APARTMENTS
1310 IRWIN AVENUE AND 706 CALIFORNIA STREET
ESCALON, CALIFORNIA**

**May 12, 2021
CET # 8603**

INTRODUCTION

Condor Earth (Condor) will perform a Phase I Environmental Site Assessment (ESA) on a portion of the property located at 1310 Irwin Avenue and 706 California Street, Escalon, California. The Phase I ESA will be conducted for Housing Authority of the County of San Joaquin (Client). The subject property comprises approximately 3.17-acres and is designated as Assessor's Parcel Numbers (APNs) 225-070-200 and 225-070-320 (Site). Condor will follow the guidelines set forth in Practice E 1527-13, *Standard of Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, published November 2013, by the American Society for Testing and Materials (ASTM), hereinafter referred to as "the Standard." After completion, Condor will deliver a comprehensive Phase I ESA report to the Client for the Site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

The purpose of each ASTM Phase I ESA is to assist the Client with appropriate inquiry into the previous ownership and uses of the property to satisfy this element of the *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser* limitations on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability: "*landowner liability protections*" or "*LLPs*." It should be understood that a Phase I ESA is a preliminary investigation of the Site. In the event that hazardous substances are found during the course of a Phase I ESA, or if any conditions suggesting the possibility that such substances exist, Condor recommends that a Phase II ESA be performed to further investigate existing or potential contamination. Condor will perform the four tasks listed below, which include an historical research and records review, Site reconnaissance, limited interviews, and report preparation.

Task 1. Historical Records Review

The history of the Site will be reviewed to learn about permits granted, citations issued, uses of the Site, and properties immediately adjacent to the Site. Reasonably obtainable topographic maps, real estate maps, and aerial photos will also be reviewed to assess land uses at and near the Site. If the above records are not obtainable at a reasonable cost, Condor will inform the Client of their unavailability.

Records retained by federal, state, and local agencies for properties within an approximate minimum search distance (MSD) will be reviewed for potential environmental liability. Parallel with the Standard, only non-confidential, reasonably obtainable, and practically reviewable records will be reviewed.



Client's (User's) Responsibilities

According to the Standard, it is the end user's responsibility to identify the reason why the user wants to have the Phase I ESA performed; to report to Condor any identified activity and use limitations (AULs) or environmental liens (reasonably ascertainable Title and Judicial records); and to communicate any actual knowledge and/or any commonly known or reasonably ascertainable information of environmental liens or AULs, and any specialized knowledge or experience, in regards to recognized environmental conditions, the user is aware of **before** the site reconnaissance.

Provision of Helpful Documents

According to the Standard, the property owner, the key site manager, and/or the user shall make known to Condor if any helpful documents (listed below) are reasonably available (and any other documents applicable/relating to the current and historical environmental and use conditions of the site) for review **prior** to the site reconnaissance. The following list is not totally inclusive:

- Environmental site assessment and compliance audit reports;
- Environmental permits (wastewater, hazardous waste disposal, NPDES, etc.);
- Registrations for underground and aboveground storage tanks;
- Registrations for underground injection systems;
- Material safety data sheets;
- Community right-to-know plans;
- Safety and/or prevention plans;
- Hydrogeologic reports;
- Driller/well reports;
- Notices or correspondence from any governmental agencies in regards to violations of environmental laws or liens;
- Hazardous waste generator notices/reports;
- Geotechnical studies;
- Risk assessments; and
- Recorded activity and use limitations.

Task 2. Site Reconnaissance

A visit to the Site will be made and a current description of the Site, including existing observable structures, roads, potable water supply systems, sewage disposal systems, and uses of the Site will be developed. Observations will be made on the Site, along the periphery of the Site, along the periphery of all structures on the Site, and in all areas common to the Site and adjacent properties, to assess if conditions suggest that hazardous substances are present on, or might migrate to the Site. Consistent with the Standard, the observations made during the Site visits will be limited to visual and/or physical observations in these areas where practical and/or unobstructed. Obvious terrain characteristics of concern, such as areas of distressed vegetation, ground stains, landfills, and depressions will also be identified. If accessible, the interior of any structures on the Site will also be inspected. Observations of the properties located immediately adjacent to the Site will be made from the Site and from public right-of-ways to assess whether there exists on such properties, potential sources of regulated materials that could lead to adverse environmental impacts to the Site.

Upon request by the Client, Condor will orally report specific areas of environmental concern where testing and/or subsurface investigations are required or recommended.



Task 3. Interviews

Interviews will be conducted, if reasonably possible, with present and past owners of the Site, operators, and occupants (as applicable) familiar with the Site, to evaluate the nature and extent of current and past activities on the Site and on the properties in the vicinity of the Site. The Client will be responsible for securing permission for Condor to interview the aforementioned persons. If Condor is unable to contact the aforementioned persons for any reason, Condor will inform the Client. If reasonably obtainable, interviews will also be held with representatives of state and/or local agencies.

Task 4. Evaluation and Report Preparation

Condor will provide a summary of the key issues and observations to the Client in the form of an oral report, upon request. A written report of the findings of the assessment will be prepared upon completion of Tasks 1 through 3 for the Site. The report will include information to support the conclusions reached by Condor that relate to the environmental condition of the Site, and to the potential environmental liability, if any, imposed by the Site or by neighboring properties within the search area. The deliverables will include up to one hard copy and one electronic copy of the report. Additional hard copies can be included for additional fees if requested.

EXCLUSIONS FROM SCOPE OF WORK

Chain of Title

This scope of work excludes research into the title history of the Site. Condor has learned that its clients are better served by engaging a professional title company to complete research into the title history of a property. Condor will review the title history of the Site, if provided by the Client, as part of the Site use histories. In order to fully comply with the Standard, the Client should review reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations.

Other Non-CERCLA Considerations

There may be risks associated with some potential hazards at some properties that parties to a real estate transaction may elect to assess, even though the hazards are not included in CERCLA's definitions of hazardous substances and are not subject to incurrence of response costs under CERCLA. Those substances include, but are not necessarily limited to:

1. Asbestos,
2. Mold,
3. Radon, and
4. Lead-based paint

The scope of work for this assessment specifically recognizes that evaluation of these non-CERCLA substances is excluded from consideration. Condor is, however, willing to negotiate a modified scope of work and cost for this investigation if an evaluation for these substances is required.

SITE ACCESS AND SITE CONDITIONS

The Client will grant or obtain free access to the Site for all equipment and personnel necessary for Condor to perform the work set forth in this Scope of Work. The Client will notify any and all possessors of the project Site that the Client has granted Condor free access to the Site.



DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS

Condor agrees to notify the Client when unanticipated hazardous materials or suspected hazardous materials are encountered. The Client agrees to make any disclosures required by law to the appropriate governing agencies. The Client also agrees to hold Condor harmless for any and all consequences of disclosures made by Condor or the Client, which are required by governing law. In the event the project Site are not owned by the Client, the Client recognizes that it is the Client's responsibility to inform the property owner of the discovery of unanticipated hazardous materials or suspected hazardous materials.

Notwithstanding any other provision of this Scope of Work, the Client waives any claim against Condor and, to the maximum extent permitted by law, agrees to defend, indemnify, and save Condor harmless from any claim, liability, and/or defense costs for injury or loss arising from Condor's discovery of unanticipated hazardous materials or suspected hazardous materials, including, but not limited to, any costs created by delay of the project and any costs associated with possible reduction of the property's value.

LIMITATIONS

The purpose of a Phase I ESA is not to prove that no hazardous materials are present at the Site, but it is intended to assist the Client with appropriate inquiry into the previous ownership and uses of the property to satisfy this element of the *LLPs* to Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability. The use of an environmental professional will minimize and manage the risk of environmental difficulty, but it cannot completely eliminate the risk.

Condor will not warrant or certify that the Site is free of contaminants, because it is impossible to know if such a condition exists. Contaminants may be present in areas that are not accessible for inspection or sampling. Contaminants can migrate later into areas that are inspected or sampled during the ESA. A prudent and professional consultant can only supply an opinion and cannot certify that certain conditions exist when it is impossible to know that such conditions exist.

ESTIMATED SCHEDULE

Condor will commence Site assessment activities upon receipt of a signed contract for this work. Condor will complete the Scope of Work within two weeks. Every effort will be made to complete the assessment report as soon as possible.

X:\Project\8000_prj\8603 Housing Authority of SJ Irwin Village Apartments ESA\Reports\App F Scope\P 20210512 Phase I ESA.docx



APPENDIX G

GLOSSARY OF TERMS AND ACRONYMS

abandoned property – *property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the on the part of the current *owner* to surrender rights to the *property*.

activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil, soil vapor, groundwater, and/or surface water on the *property*.

actual knowledge - the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge, that is, knowledge imputed to an individual or entity.

adjoining properties - any real *property* or properties the border of which is contiguous or partially contiguous with that of the *property*, or that would be contiguous or partially contiguous with that of the *property* but for a street, road, or other thoroughfare separating them.

aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the *property*. *Aerial photographs* are often available from government agencies or private collections unique to a local area.

all appropriate inquiry – that inquiry constituting “*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice” as defined in CERCLA, 42 USC § 9601 (35)(B) that will qualify a party to a *commercial real estate transaction* for one of the threshold criteria for satisfying the *LLPs* to CERCLA, (42 USC §9601(A) and (B) and 9607(b)(3), §9607(q); and §9607(r)) liability assuming compliance with other elements of the defense.

antecedent environmental liabilities - Liabilities that arise from a problem that is solely the result of a previous third party's activities, and yet attach to a subsequent owner and/or operator of a *property*.

approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest *property* boundary. This term is used in lieu of radius to include irregularly shaped properties.

bona fide prospective purchaser liability protection – (42 USC §9607(r)) – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from *all appropriate inquiry* would not generally preclude this liability protection. A person must make *all appropriate inquiries* on or before the date of purchase. The facility must have been purchased after January 11, 2002.

Brownfields Amendments – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 USC §§9601 *et seq.*

building department records – those records of the local government in which the *property* is located indicating permission of the local government to construct, alter, or demolish improvements on the *property*.

business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*, not necessarily limited to those environmental issues required to be investigated.

commercial real estate - any real *property* except a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use (except that a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use is included in this term when it has a commercial function, as in the building of such *dwellings* for profit). The term includes but is not limited to undeveloped real *property* and real *property* used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; *property* used for residential purposes that has more than four residential *dwelling* units; and *property* with no more than four *dwelling* units for residential use when it has a commercial function, as in the building of such *dwellings* for profit.

commercial real estate transaction – a transfer of title to or possession of real *property* or receipt of a security interest in real *property*, except that it does not include transfer of title to or possession of real *property* with respect to an individual *dwelling* or building containing fewer than five *dwelling* units, nor does it include the purchase of a lot or lots to construct a *dwelling* for occupancy by a purchaser, but a *commercial real estate* transaction does include real *property* purchased or leased by persons or entities in the business of building or developing *dwelling* units.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential *hazardous substance* contamination for possible inclusion on the *National Priorities List*.

construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to *property*.

contaminated public wells – public wells used for drinking water that have been designated by a government entity as contaminated by *hazardous substances* (for example, chlorinated *solvents*), or as having water unsafe to drink without treatment.

contiguous property owner liability protection – (42 USC §9607(q)) – a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real *property* that is contiguous to, and that is or may be contaminated by *hazardous substances* from real *property* that is not owned by that person. Furthermore, such person conducted *all appropriate inquiry* at the time of acquisition of the *property* and did not know or have reason to know that the *property* was or could be contaminated by a release or threatened release from the contiguous *property*. The *all appropriate inquiry* must not result in knowledge or contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the *contiguous property owner liability protection*.

controlled recognized environmental condition – a *recognized environmental condition* resulting from a past release of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

CORRACTS list – a list maintained by EPA of *hazardous waste* treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of *hazardous waste* beyond 90 days) that have been notified by the US Environmental Protection Agency to undertake corrective action under RCRA. The *CORRACTS list* is a subset of the EPA database that manages RCRA data.

data failure – a failure to achieve the historical research objectives even after reviewing the *standard historical sources* that are *reasonably ascertainable* and likely to be useful.

data gap – a lack or inability to obtain information required despite *good faith* efforts by the *environmental professional* to gather information. *Data gaps* may result from incompleteness in and of the activities required by this practice, including, but not limited to *site reconnaissance* (for example, an inability to conduct the *site visit*), and *interviews* (for example, an inability to interview the *key site manager*, regulatory officials, etc.).

de minimis condition – a condition that generally does not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *recognized environmental conditions* nor *controlled recognized environmental conditions*.

demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to *property*.

drum – a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store *hazardous substances* or *petroleum products*.

dry wells – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. *Dry wells* are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and *wastewater* disposal (often illegal).

due diligence - the process of inquiring into the environmental characteristics of a parcel of *commercial real estate* or other conditions, usually in connection with a *commercial real estate* transaction. The degree and kind of *due diligence* vary for different properties and differing purposes.

dwelling – structure or portion thereof used for residential habitation.

engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*. *Engineering controls* are a type of activity and use limitation (AUL).

environmental compliance audit – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be

used to describe this practice, although an *environmental compliance audit* may include an *environmental site assessment* or, if prior audits are available, may be part of an *environmental site assessment*.

environmental lien – a charge, security, or encumbrance upon title to a *property* to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of *hazardous substances* or *petroleum products* upon a *property*, including (but not limited to) liens imposed pursuant to CERCLA 42 USC §§9607(l) & 9607(r) and similar state or local laws.

environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). The person may be an independent contractor or an employee of the *user*.

environmental site assessment (ESA) - the process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to *recognized environmental conditions*. At the option of the *user*, an *environmental site assessment* may include more inquiry than that constituting *all appropriate inquiry* or, if the *user* is not concerned about qualifying for the *LLPs*, less inquiry than that constituting *all appropriate inquiries*. An *environmental site assessment* is both different from, and less rigorous than, an *environmental compliance audit*.

ERNS list – EPA’s emergency response notification system list of reported CERCLA *hazardous substance releases* or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such *releases* or spills are codified in 40 CFR Parts 302 and 355.

Federal Register, (FR) – publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the *Federal Register*.

fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real *property*. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance maps – maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the *property*. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

hazardous substance - a substance defined as a hazardous substance pursuant to CERCLA 42 USC §9601(14), as interpreted by EPA regulations and the courts: “(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to 9602 of this title, (C) any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 USC §6921) (but not including any waste the regulation of which under RCRA (42 USC §§6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a

hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

hazardous waste - any *hazardous waste* having the characteristics identified under or listed pursuant to Section 3001 of RCRA, as amended, (42 USC §6921) (but not including any waste the regulation of which under RCRA (42 USC §§6901 – 6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines *hazardous waste*, at 42 USC §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may - (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating illness; or (B) pose a substantial present or potential hazard to human health or environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any *hazardous substance*, *hazardous waste*, or *petroleum products*, and that *release* or suspected *release* has been reported to a government entity.

historical recognized environmental condition – a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, *activity use limitations*, *institutional controls*, or *engineering controls*).

IC/EC registries – databases of *institutional controls* or *engineering controls* that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names of these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real covenants list (Colorado), Brownfields site list (Indiana, Missouri) and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

innocent landowner defense – (42 USC §9601(35) and §9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the *property* at the time the purchaser acquired the *property*; (ii) a government entity which acquired the *property* by escheat, or through any other involuntary transfer of acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the innocent landowner defense, such person must have made *all appropriate inquiries* on or before the date of purchase. Furthermore, the *all appropriate inquiries* must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the *innocent landowner defense*. There are other necessary requirements that are beyond the scope of ASTM E1527-13.

institutional controls (IC) – a legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An *institutional control* is a type of *Activity and Use Limitation (AUL)*.

interviews – those portions of this practice that address questions to be asked of past and present *owners*, *operators*, and *occupants* of the *property* and questions to be asked of local government officials.

key site manager – the person identified by the *owner* or *operator* of a *property* as having good knowledge of the uses and physical characteristics of the *property*.

landfill - a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs) – *landowner liability protections* under CERCLA; these protections include the *bona fide prospective purchaser liability protection*, *contiguous property owner liability protection*, and *innocent landowner defense* from CERCLA liability. See 42 USC §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

local government agencies – those agencies of municipal or county government having jurisdiction over the *property*. Municipal and county governments include but are limited to cities, parishes, townships, and similar entities.

local street directories – directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often *local street directories* are available at libraries, or historical societies, and/or local municipal offices.

LUST sites – state lists of leaking *underground storage tank* sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up *releases* from UST systems or require *owners* and *operators* to do so (42 USC §6991b).

major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center.

material safety data sheets (MSDS) – written or printed material concerning a *hazardous substance* which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200.

material threat – a physically observable or *obvious* threat which is reasonably likely to lead to a *release* that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage. The damage would represent a *material threat* if it is deemed serious enough that it may cause or contribute to tank integrity failure with a *release* of contents to the *environment*.

Migrate/migration – for the purposes of ASTM E1527-13 “migrate” and “migration” refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in subsurface.

National Contingency Plan (NCP) – the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 CFR Part 300, that is the EPA's blueprint on how *hazardous substances* are to be cleaned up pursuant to CERCLA.

National Priorities List (NPL) – list compiled by the EPA pursuant to CERCLA 42 USC §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System (40 CFR Part 300).

obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

occupants - those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property*.

operator – the person responsible for the overall operation of a facility.

other historical sources – any source or sources that are credible to a reasonable person and that identify past uses of the *property*. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current *owners* or *occupants* of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or *occupants*.

owner - generally the fee *owner* of record of the *property*.

petroleum exclusion – the exclusion from CERCLA liability provided in 42 USC §9601(14), as interpreted by the courts and EPA: “the term (*hazardous substance*) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as the *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

petroleum products - those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 USC §9601(14), as interpreted by the courts and the EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under the Subparagraphs (A) through (F) of 42 USC §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics) (American Petroleum Institute, Fourth Edition, 1995.)

physical setting sources – sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a *property*.

pits, ponds, or lagoons – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an *obvious wastewater* discharge.

practically reviewable - information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the *user* can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located

are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally *practically reviewable*. Listings in *publicly available* records which do not have adequate address information to be located geographically are not generally considered *practically reviewable*. For large databases with numerous records (such as RCRA hazardous waste generators and registered *underground storage tanks*), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any give zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the *property*, it is not *practically reviewable*.

property - the real *property* that is the subject of the *environmental site assessment* described in this practice. Real *property* includes buildings and other fixtures and improvements located on the *property* and affixed to the land.

property tax files – the files kept for *property* tax purposes by the local jurisdiction where the *property* is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that is *reasonably ascertainable* and pertaining to the *property*.

publicly available - information that is *publicly available* means that the source of information allows access to the information by anyone upon request.

RCRA generators – those persons or entities that generate *hazardous wastes*, as defined and regulated by RCRA.

RCRA generators list – list kept by EPA of those persons or entities that generate *hazardous wastes* as defined and regulated by RCRA.

RCRA TSD facilities – those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA TSD facilities list – list kept by EPA of those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

reasonably ascertainable - information that is (1) *publicly available*, (2) obtainable from its source within reasonable time and cost restraints, and (3) *practically reviewable*.

recognized environmental conditions – the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to release to the environment; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*.

recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the *property* recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the *property* that is recorded in a

US district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located, are not considered part of *recorded land title records*.

records of emergency release notifications EPCRA – (42 USC §11004) – requires *operators* of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any *release* beyond the facility’s boundary of any reportable quantity of any extremely *hazardous substance*. Often the local fire department is the local emergency planning committee. Records of such notifications are “Records of Emergency Release Notifications” (42 USC 11004).

records review – that part that is contained in Section 8 of ASTM E1527-13 that addresses which records shall or may be reviewed.

report – the written *report* prepared by the *environmental professional* and constituting part of a “*Phase I Environmental Site Assessment*,” as required by this practice.

site reconnaissance – in connection with the *site visit*. The *site reconnaissance* includes, but is not limited to, the *site visit* done in connection with such a *Phase I Environmental Site Assessment*.

site visit – the visit to the *property* during which observations are made constituting the *site reconnaissance*.

solid waste disposal site - a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *landfill* and is also known as a garbage dump, trash dump, or similar term.

solvent – a chemical compound that is capable of dissolving another substance and may itself be a *hazardous substance*, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

standard environmental record sources – those records specified in 8.2.1 of ASTM E1527-13.

standard historical sources - those sources of information about the history of uses of property specified in the Records Review Section of the *Phase I Environmental Site Assessment* report.

standard physical setting source – a current *USGS 7.5 Minute Topographic Map* (if any) showing the area on which the *property* is located.

Standard practice – the activities set forth in ASTM E1527-13.

standard sources – sources of environmental, physical setting, or historical records.

state registered USTs – state lists of *underground storage tanks* required under Subtitle I, Section 9002 of RCRA.

sump – a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility – treatment, storage, or disposal facility.

underground injection – the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

underground storage tank (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous substances* or *petroleum products* and the volume of which is 10% or more beneath the surface of the ground.

user – the party seeking to use Practice E1527 to complete an *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an *owner* of *property*, a lender, or a *property* manager. The *user* has specific obligations for completing a successful application of this practice.

USGS 7.5 Minute Topographic Map – the map (if any) available from or produced by the United States Geological Survey, entitled “*USGS 7.5 Minute Topographic Map*,” and showing the *property*.

visually and/or physically observed – during a *site visit* pursuant to this practice, this term means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled persons who cannot physically walk may not conduct a *site visit*; they may do so by the means at their disposal for moving through the *property* and the structures located on it.

wastewater - water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. *Wastewater* does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

zoning/land use records – those records of the local government in which the *property* is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county.

Other Acronyms:

AST – Aboveground Storage Tank

AULs – *Activity and Use Limitations*

CERCLA - Comprehensive Environmental Response Compensation and Liability Act of 1980 (as amended, 42 USC §§9601 *et seq.*)

CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)

CFR – Code of Federal Regulations

CORRACTS – facilities subject to Corrective Action under RCRA

DTSC – Department of Toxic Substances Control – California EPA

EPA – United States Environmental Protection Agency

EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC §§11001-11050 *et seq.*)

ERNS – emergency response notification system

ESA – Environmental Site Assessment (different than an *environmental compliance audit*)

FOIA – US Freedom of Information Act (5 USC §552 as amended by Public Law No. 104-231, 110 Stat.)

FR – Federal Register

ICs – *Institutional Controls*

LLP – Landowner Liability Protections under the *Brownfields Amendments*

LUST – Leaking Underground Storage Tank

MSDS – Material Safety Data Sheet

NCP – National Contingency Plan

NFRAP – former CRECLIS sites where no further remedial action is planned under CERCLA

NPDES – National Pollutant Discharge Elimination System

NPL – National Priorities List

PCBs – polychlorinated biphenyls

PRP – Potentially Responsible Party (pursuant to CERCLA 42 USC §9607(a))

RCRA – Resource Conservation and Recovery Act (as amended, 42 USC §§6901 *et seq.*)

SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)

TSDF – *hazardous waste* treatment, storage or disposal facility

USC – United States Code

USGS – United States Geological Survey

UST – Underground Storage Tank



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September 13, 2021

Mr. Gerald Jones
Housing Authority of the County of San Joaquin
2575 Grand Canal Blvd
Stockton, CA 95207

**Re: Limited Phase II ESA to Evaluate for Residual and Persistent Agricultural Chemicals
1310 Irwin Ave and 706 California Street, Escalon, CA
Condor Project No. 8603A**

Dear Mr. Jones:

Condor Earth (Condor) conducted surface soil sampling on property located at 1310 Irwin Ave and 706 California Street, Escalon, San Joaquin County, California. The subject property is designated as Assessor's Parcel Numbers (APNs) 225-070-200 and 225-070-320 (Site) comprising approximately 3.17 acres of mixed commercial and residential land, with a former agricultural field on the northern portion of the Site and a dwelling with a well house and detached garage to the south (Figures 1 and 2, **Attachment A**). The purpose of the work described herein is to evaluate potential residual and persistent agricultural chemicals typically associated with historic agricultural land use practices.

The soil was evaluated in general accordance with the *Interim Guidance for Sampling Agricultural Properties (Third Revision), August 7, 2008*, (the Guidance) established by the California Department of Toxic Substances Control (DTSC), California Environmental Protection Agency (Cal-EPA). DTSC issued the Guidance to provide a uniform approach for evaluating former agricultural properties where pesticides have been applied. In establishing and revising the Guidance, DTSC has reviewed several hundred former agricultural properties across California and updated the approach to these properties as new information and issues emerged to refine the sampling and risk assessment approach to former agricultural properties. Although the Guidance was initially prepared for use in evaluating soil at proposed new school sites and existing schools undergoing expansion projects where the property was currently or previously used for agricultural activities, it has been expanded to include any project with DTSC oversight and is intended to provide a uniform and streamlined approach for evaluating agricultural properties.

According to the Guidance, the only pesticide class requiring analyses at agricultural properties are organochlorine pesticides (OCPs), such as DDT, chlordane, dieldrin, etc. OCPs are biopersistent and bioaccumulate in the environment. Most other classes of pesticides have relatively short half-lives and have not been found in the agricultural fields. The Guidance also states that the only heavy metal required for routine analysis for agricultural field operations is arsenic. Arsenical herbicides have been applied to many agricultural properties and elevated levels of arsenic have been reported. Based on the extensive data DTSC has reviewed for agricultural properties, only surface samples are required in the Guidance. In addition, DTSC typically also requires samples to be evaluated for total lead as well. Condor conducted evaluation for lead in soil pursuant to DTSC's *Interim Guidance, Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Point, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from electrical Transformers, Revised 06/09/06*.



This report includes a summary of the sampling procedures, laboratory analytical results, conclusions, and recommendations.

SOIL SAMPLING ACTIVITIES

Agricultural Field Sampling

The agricultural field in the northern portion of the Site is approximately 2.37 acres of relatively flat land. A total of four primary samples (SS1-0.5 through SS4-0.5) and one duplicate (SSX-0.5) were collected at four sampling locations that were evenly spaced across the Site. Surface soil samples were collected from the four locations at a depth of 0-0.5 feet below ground surface (bgs) by clearing the upper layer of the soil using a stainless-steel flat shovel and advancing the laboratory supplied glass container directly into the soil. The collected samples were analyzed discretely for OCPs by EPA Method 8081A, and lead and arsenic and EPA Method 6020.

Residential Dwelling

The abandoned residence on the southern portion of the Site is comprised of an abandoned residential dwelling, a detached garage, and a well house. A total of 16 primary samples were collected at depths of 0-0.5 and 2.0-2.5 feet bgs from 8 samples locations. Samples collected from around the dwelling were collected within approximately 3 feet from the center of each of the four outside walls, with the exception of the northern most sample, which was collected east of the concrete porch area. Samples collected from the well house and the detached garage were collected approximately 3 feet away from the wall with exposed wooden walls (structures were primarily brick). Eight samples from around the dwelling were composited at the laboratory at a ratio of 4:1 (4:1 surface and 4:1 subsurface), and four samples at each the detached garage and well house were composited at the laboratory at a ratio of 2:1 (2:1 surface and 2:1 subsurface), totaling six composites. Collected samples were analyzed for OCPs by EPA Method 8081A, and lead and arsenic and EPA Method 6020. A breakdown of the composite samples and the associated sample IDs are included on Table 1, below.

Table 1: Laboratory Sample Composites

Composite ID	Location	Depth	Associated Sample IDs			
Composite 1 (4:1)	Dwelling	0.5	SS5-0.5	SS6-0.5	SS7-0.5	SS8-0.5
Composite 2 (2:1)	Garage	0.5	SS9-0.5	SS10-0.5	--	--
Composite 3 (2:1)	Well House	0.5	SS11-0.5	SS12-0.5	--	--
Composite 4 (4:1)	Dwelling	2.5	SS5-2.5	SS6-2.5	SS7-2.5	SS8-2.5
Composite 5 (2:1)	Garage	2.5	SS9-2.5	SS10-2.5	--	--
Composite 6 (2:1)	Well House	2.5	SS11-2.5	SS12-2.5	--	--

QA/QC

Each sample container was labeled for sample identification and placed in a chilled cooler. The non-dedicated sampling equipment was decontaminated in the field with a solution of laboratory-grade, non-phosphate detergent and distilled water and rinsed twice with distilled water prior to use at each sample location. No odor or soil staining was observed during sampling activities. Samples were shipped under chain-of-custody procedures to BC Laboratories, of Bakersfield, California (ELAP # 1644) for analysis.



LABORATORY ANALYTICAL RESULTS

The four soil samples and six composites were analyzed for OCPs by EPA Method 8081A and for lead and arsenic by EPA Method 6020.

To determine if the surface soil at the Site has been adversely impacted by historical agricultural use, the analytical results were evaluated as follows:

- OCPs were compared to USEPA regional screening levels (RSL) for resident soil for the respective constituent of concern (COC).
- The arsenic data evaluation cited in the Guidance indicates that 12 milligrams per kilogram (mg/kg) is a useful screening number when evaluating arsenic as a contaminant of potential concern (COPC). If the property has been adequately characterized for arsenic and all the arsenic data are equal to or less than 12 mg/kg, then arsenic will not be considered a COPC.
- Concentrations of lead were compared to the Human Health Risk Assessment (HHRA) Note 3, DTSC-recommended Screening Levels for soil analytes (June 2020 Update). The screening level for resident soil noncancer endpoint for lead is 80 mg/kg.

None of the OCPs were detected at or above the USEPA RSL for resident soil for the respective constituent of concern. Arsenic concentrations ranged from 1.7 to 6.6 mg/kg and are representative of naturally occurring background concentrations. Lead concentrations ranged from 6.3 to 62 mg/kg. Lead concentrations detected in Composite 1 through Composite 3 are slightly elevated, but were below the HHRA Note 3 screening level for resident soil noncancer endpoint of 80 mg/kg.

Detected constituents and regulatory screening levels are provided in Table 2, below. The final laboratory analytical report and chain-of-custody sheets are included in **Attachment B**. All laboratory quality assurance/quality control criteria were met, and the data quality objectives for this project were achieved.

Table 2: Detected Constituents

Constituent	Chlordane (Technical)	DDD	DDE	DDT	Dieldrin	Arsenic*	Lead**
Screening Levels	1.7	2.3	2.0	1.9	0.043	12	80
Composite 1 (4:1)	0.17 J	0.019	0.026	0.037	0.0021 J	4.9	62
Composite 2 (2:1)	0.16 J	0.0068	0.058	0.047	0.0015	5.0	45
Composite 3 (2:1)	0.12 J	0.0069	0.082	0.048	0.0019 J	2.9	34
Composite 4 (4:1)	0.015 J	0.0012	0.0017	0.0015	0.00022 J	6.3	6.3
Composite 5 (2:1)	<0.0010	0.000092 J	0.0023	0.0014	<0.000040	6.6	4.0
Composite 6 (2:1)	<0.0010	0.000087 J	0.0016	0.00069	<0.000036	2.5	3.6
SS1-0.5	<0.0010	0.000067 J	0.00029 J	0.00079	0.000097 J	1.7	3.9
SS2-0.5	<0.050	0.0070 J	0.018 J	0.025	<0.0018	2.2	16
SS3-0.5	<0.050	0.0096 J	<0.0048	0.011 J	0.0066 J	2.0	12
SS4-0.5	<0.0050	<0.00032	0.0014 J	0.00063 J	0.00020 J	2.2	9.4
SSX-0.5	<0.050	0.010 J	0.0066 J	0.011 J	0.0068 J	2.0	11

* = Screening level for arsenic indicated by the *Interim Guidance for Sampling Agricultural Properties (Third Revision)*, dated April 30, 2008

** = Human Health Risk Assessment (HHRA) Note 3, DTSC-recommended Screening Levels for soil analytes (June 2020)

J = Estimated Value

Units are in milligrams per kilogram (mg/kg)



ADDITIONAL CONSIDERATIONS

In addition to the evaluation of potential residual and persistent agricultural chemicals typically associated with historic agricultural land use practices, Condor further explored the potential presence of a heating oil tank associated with the abandoned residence. During a previous site reconnaissance conducted at the property, Condor personnel observed several metal pipes along the west side of the dwelling, including vent lines, which were tentatively identified as associated with water, gas, and/or sewer services. To investigate further, Condor personnel opened an access port at the ground surface and extended a sewer snake into the opened pipe to a depth of approximately 6.5 feet. No sludge or odors were noted within the pipe or on the end of the inserted probe.

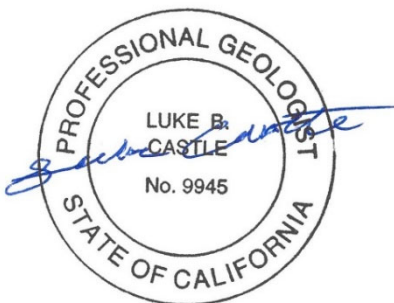
CONCLUSIONS AND RECOMMENDATIONS

A total of 20 soil samples and 1 duplicate sample were collected from the Site for the analysis of 5 discrete samples and 6 composites for OCPs by EPA Method 8081A and arsenic and lead by EPA Method 6020. None of the OCPs were detected at or above the USEPA RSL for resident soil for the respective constituent of concern. Arsenic concentrations ranged from 1.7 to 6.6 mg/kg and are representative of naturally occurring background concentrations. Lead concentrations ranged from 6.3 to 62 mg/kg. Lead concentrations detected in Composite 1 through Composite 3 are slightly elevated, but were below the HHRA Note 3 screening level for resident soil noncancer endpoint of 80 mg/kg and do not appear to pose a risk to human health or the environment. The Site is considered acceptable for unrestricted uses and Condor recommends no further evaluation for the Site. In addition, Condor further explored the presence of metal piping/vent lines on the west side of the dwelling and found no evidence of a buried heating oil tank.

The sampling described in this report was conducted by Mr. John Lane and Mr. Luke Castle, Professional Geologists licensed in California with over several years of experience conducting environmental assessments in California for public agencies and commercial businesses. Mr. Lane and Mr. Castle declare that they meet the definition of "Environmental Professional" as set forth in 40 CFR §312.10(b). The interpretations and conclusions presented herein were developed in accordance with generally accepted principles and practice.

Respectfully submitted,

CONDOR EARTH



September 13, 2021

Luke Castle, PG No. 9945
Associate Geologist



September 13, 2021

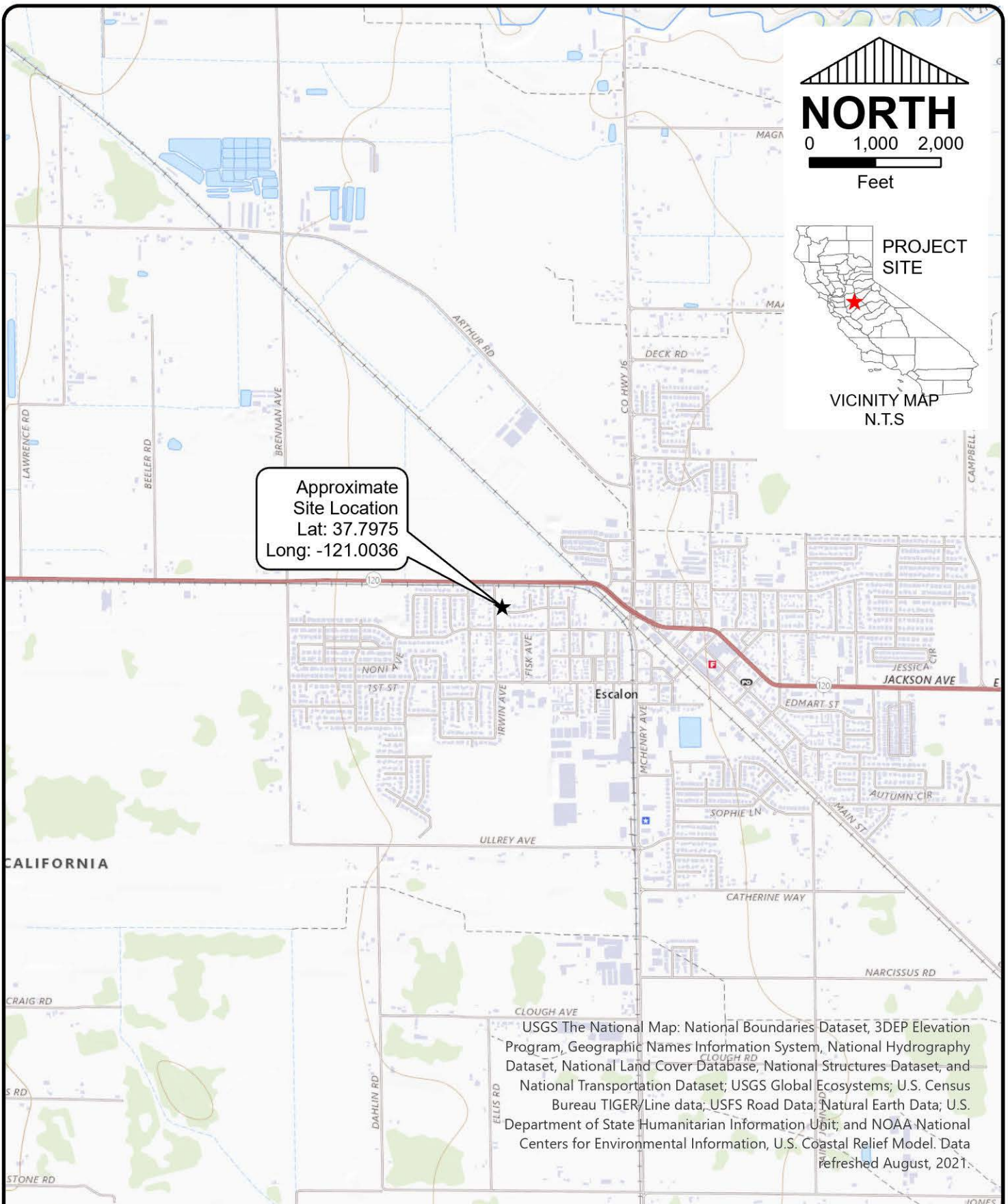
John Lane, PG No. 6795
Environmental Services Manager

Attachment A: Figures

Attachment B: Laboratory Analytical Report



ATTACHMENT A



Approximate Site Location
 Lat: 37.7975
 Long: -121.0036

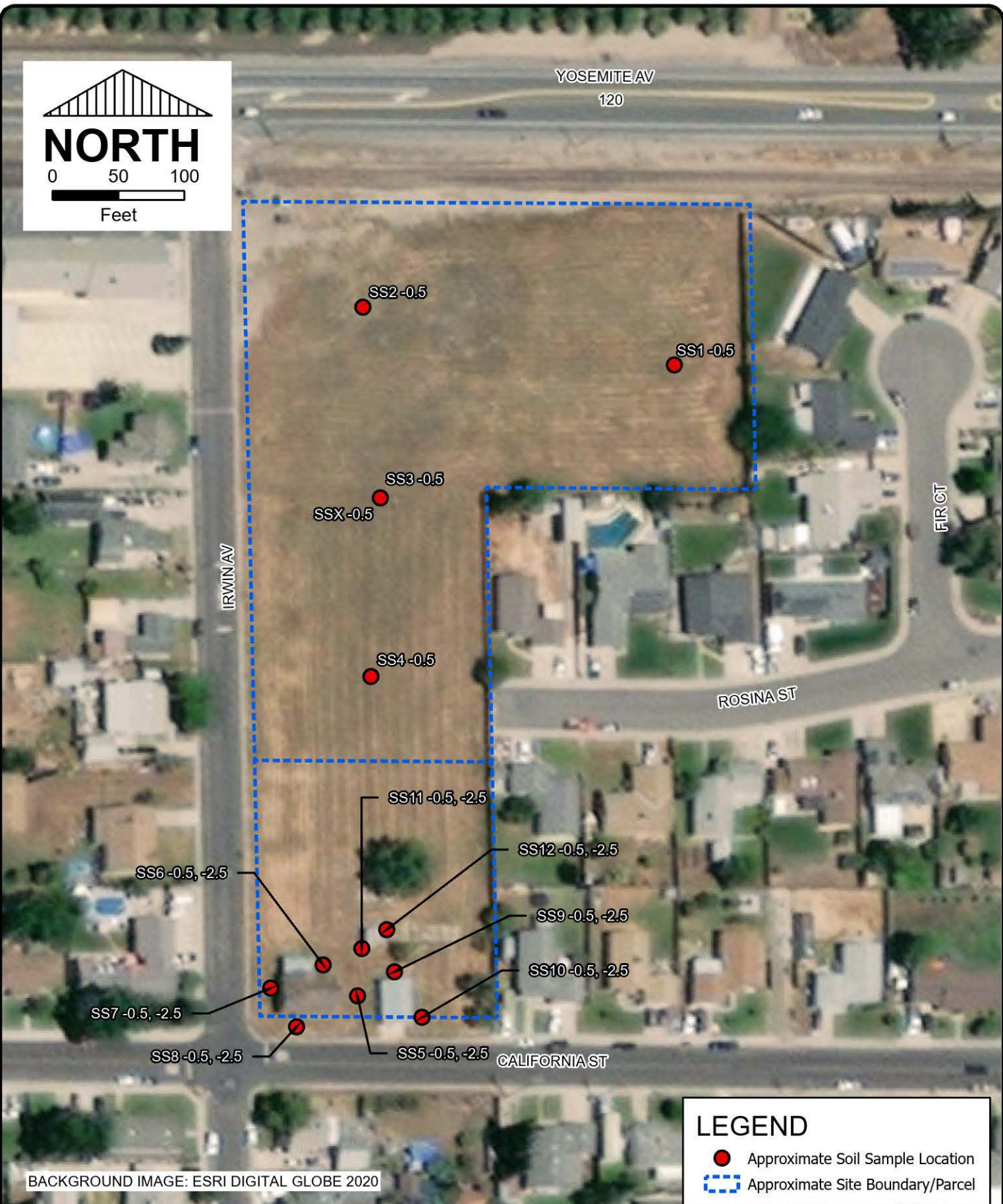
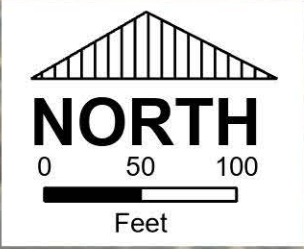
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed August, 2021.

CONDOR EARTH
 21663 Brian Lane
 P. O. Box 3905
 Sonora, CA 95370
 (209) 532-0361
 fax (209) 532-0773
 www.condorearth.com

Job No.	8603
Date	13 Sep 2021
Scale	AS SHOWN
Drawn	JW
Chk'd	JL

**VICINITY MAP
 PHASE II ESA
 IRWIN VILLAGE APARTMENTS
 1310 IRWIN AVENUE AND
 706 CALIFORNIA STREET
 ESCALON, CALIFORNIA**

**FIGURE
 1**
 8603_PhaseII.aprx



BACKGROUND IMAGE: ESRI DIGITAL GLOBE 2020

LEGEND

- Approximate Soil Sample Location
- Approximate Site Boundary/Parcel

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 fax (209) 532-0773
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Job No.	8603
Date	13 Sep 2021
Scale	AS SHOWN
Drawn	Chk'd
JW	JL

SOIL SAMPLE LOCATIONS
 AUGUST 25, 2021
 IRWIN VILLAGE APARTMENTS
 1310 IRWIN AVENUE AND
 706 CALIFORNIA STREET
 ESCALON, CALIFORNIA

FIGURE
2

8603_PhaseII.aprx

ATTACHMENT B



Date of Report: 09/09/2021

John Lane

Condor Earth Technologies Inc.

P O Box 3905
Sonora, CA 95370

Client Project: 8603A
BCL Project: Soil Samples
BCL Work Order: 2127176
Invoice ID: B428065

Enclosed are the results of analyses for samples received by the laboratory on 8/25/2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Eli Velazquez
Client Service Rep

Stuart Buttram
Technical Director

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Condor Earth Technologies, Inc.



Sample Results TAT: Rush Standard 10 Day (default)

- PO Box 300521003 Boan Lane
Severe, CA 95370
209 532 0363
209 532 0733 fax
- 188 Frank West Circle, Suite 1
Stockton, CA 95206
209 234 0518
209 234 0518 fax
- 2941 Soreno Blvd, Suite 150
Rancho Cordova, CA 95742
916 783 2060
916 783 2464 fax
- 1799 Abby Road, Suite B
Morced, CA 95348
209 388 0601
209 388 1778 fax

SHIPPED TO:
BC Laboratories
Bakersfield, CA

21-27176

SEND RESULTS TO:
NAME: John Lane
E-MAIL: jlane@condorearth.com
E-MAIL:

PLEASE FAX/EMAIL RESULTS TO ADDRESS MARKED ABOVE

COL # 1 of 3

PROJECT NAME/LOCATION: Irwin Village Pest Screen				EDF RESULTS REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				SITE GLOBAL ID: N/A					
PROJECT NO.: 8603A				SAMPLER BY: (Signature) <i>[Signature]</i>				<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CHK BY: <i>FA</i> DISTRIBUTION: <input checked="" type="checkbox"/> <i>W/COMPLY</i> SUB OUT: <input type="checkbox"/> </div>					
Date	Time	Sample Site Name	Sample ID (if different)	Matrix	# of containers	Preservatives (see below)	ANALYSIS /METHOD:					Field Filtered	EPA 8081A <i>rcp</i>
<i>05/24/2024</i>	<i>1325</i>	<i>SS1-0.5</i>	<i>-7</i>	<i>S</i>	<i>1</i>	<i>✓</i>			<i>X</i>	<i>X</i>	<i>X</i>		<i>-7</i>
	<i>1332</i>	<i>SS2-0.5</i>	<i>-8</i>										<i>-8</i>
	<i>1359</i>	<i>SS3-0.5</i>	<i>-9</i>										<i>-9</i>
	<i>1341</i>	<i>SSX-0.5</i>	<i>-10</i>										<i>-10</i>
<i>8/25/24</i>	<i>1345</i>	<i>SS4-0.5</i>	<i>-11</i>						<i>X</i>	<i>X</i>	<i>X</i>		<i>-11</i>
Relinquished By: (Signature) <i>[Signature]</i>				Date: <i>8/25/24</i>	Time: <i>1515</i>	Received By: (Signature) <i>[Signature]</i>				Date: <i>8/25/24</i>	Time: <i>1515</i>		
Relinquished By: (Signature) <i>[Signature]</i>				Date: <i>8/25/24</i>	Time: <i>1550</i>	Received By: (Signature) <i>[Signature]</i>				Date: <i>8-25-24</i>	Time: <i>15:50</i>		
Matrix <input checked="" type="checkbox"/> DW Drinking Water <input type="checkbox"/> WW Waste Water <input checked="" type="checkbox"/> HWW Hazardous Waste (Water) <input type="checkbox"/> S Soil/Solid <input type="checkbox"/> GW Ground Water <input type="checkbox"/> SW Storm Water												Preservative <input type="checkbox"/> 1 4°C <input type="checkbox"/> 2 HCL <input type="checkbox"/> 3 NaOH <input type="checkbox"/> 4 Na2S2O5 <input type="checkbox"/> 5 HNO3 <input type="checkbox"/> 6 H2SO4 <input type="checkbox"/> 7 Other	

REL. *[Signature]* Original - Send *8-25-21 220* ROC. *Franco Spring* Yellow - File *8/25/21 2210* Pink - Log Book



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Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 2127176 Page 2 of 6

Condor Earth Technologies, Inc.



Sample Results TAT: Rush Standard 10 Day (discount)

- PO Box 3905(2166) Brian Lane
Sonoma, CA 95070
209 532 0161
209 532 0773 fax
- 188 Frank West Credo, Suite 1
Stockton, CA 95206
209 234 0518
209 234 0518 fax
- 2941 Santrac Blvd, Suite 150
Rancho Cordova, CA 95742
916 783 2090
916 783 2464 fax
- 1739 Abby Road, Suite B
Merced, CA 95348
209 388 9601
209 388 1778 fax

SHIPPED TO:
BC Laboratories
Bakersfield, CA

21-27170

SEND RESULTS TO:
NAME: John Lane
E-MAIL: jlane@condorearth.com
E-MAIL:

COL # 2 of 3

PLEASE FAX/EMAIL RESULTS TO ADDRESS MARKED ABOVE

PROJECT NAME/LOCATION: Irwin Village Pest Screen				EDF RESULTS REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				SITE GLOBAL ID: N/A					
PROJECT NO.: 8603A													
SAMPLED BY: (Signature) <i>[Signature]</i>													
Date	Time	Sample Site Name	Sample ID (if different)	Matrix	# of containers	Preservatives (see below)	ANALYSIS /METHOD:	Field Filtered	EPA 8081A CCP	Arsenic EPA 6020	Lead EPA 6020	REMARKS	LAB ID#
08/25/21	1357	SS5-0.5-12		C	1				X	X	X		-12
	1359	SS6-0.5-13											-13
	1414	SS7-0.5-14	4:1-1 composite									4:1 composite	-14
	1418	SS8-0.5-15											-15
	1427	SS9-0.5-16	2:1-2						X	X	X	2:1	-16
	1435	SS10-0.5-17	17 composite						X	X	X		-17
	1445	SS11-0.5-18	2:1-3						X	X	X		-18
	1458	SS12-0.5-19	19 composite						X	X	X	2:1	-19
Relinquished By: (Signature) <i>[Signature]</i>				Date: 08/25/21	Time: 1515	Received By: (Signature) <i>[Signature]</i>				Date: 08/25/21	Time: 1515		
Relinquished By: (Signature) <i>[Signature]</i>				Date: 08/25/21	Time: 1550	Received By: (Signature) <i>[Signature]</i>				Date: 8-25-21	Time: 15:50		
Matrix				Preservative									
<input checked="" type="checkbox"/> WW Waste Water <input type="checkbox"/> DW Drinking Water <input type="checkbox"/> HW Hazardous Waste (Water) <input type="checkbox"/> SS Soil/Solid <input type="checkbox"/> SW Storm Water <input type="checkbox"/> GW Ground Water				<input type="checkbox"/> 1 4°C <input type="checkbox"/> 2 HCL <input type="checkbox"/> 3 NaOH <input type="checkbox"/> 4 Na ₂ S ₂ O ₅ <input type="checkbox"/> 5 HNO ₃ <input type="checkbox"/> 6 H ₂ SO ₄ <input type="checkbox"/> 7 Other									

REL. *[Signature]* 8-25-21 2:10 Original - Send Rec'd Franco Espinoza 8/25/21 2:10 Yellow - File Pink - Log Book

Report ID: 1001214997
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 Page 4 of 41



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CHAIN-OF-CUSTODY

17418



Condor Earth Technologies, Inc.

Sample Results TAT: Rush Standard 10 Day (discount)

P.O. Box 3905/21663 Brian Lane
Sacramento, CA 95370
209.532.6361
209.532.6773 (fax)
condor.sacramento@condorearth.com

188 Frank West Circle, Suite 1
Stockton, CA 95206
209.234.0518
209.234.0518 (fax)
condor.stockton@condorearth.com

1739 Ashby Road, Suite B
Merced, CA 95348
209.388.9601
209.388.1778 (fax)
condor.merced@condorearth.com

SHIPPED TO:

BC Laboratories 11-27176
Bakersfield CA
OL # 3093

SEND RESULTS TO:

NAME: _____
E-MAIL: _____

PLEASE E-MAIL (preferred) / OR FAX RESULTS TO ADDRESS MARKED ABOVE

PROJECT NAME/LOCATION: <u>Irwin Village Post Green</u>				EDF RESULTS REQUIRED		YES	NO	SITE GLOBAL ID:	
PROJECT NO.: <u>8002A</u>				Matrix	# of containers	Preservatives (see below)	ANALYSIS/METHOD: Field Filtered BSEA OCB Arsen Local EPA 6020 EPA 6010	REMARKS	LAB ID #
SAMPLED BY: (Signature) <u>[Signature]</u>									
Date	Time	Sample Site Name	Sample ID (if different)						
8/21	1354	SS5-2.5	-20						-20
	1410	SS6-2.5	-21						-21
	1416	SS7-2.5	4-1-4					4-1 composite	-22
	1422	SS8-2.5	13 composite						-23
	1429	SS9-2.5	12						-24
	1434	SS10-2.5	16 composite					2-1	-25
	1450	SS11-2.5	14						-26
	1457	SS12-2.5	17 composite					2-1	-27

Relinquished By: (Signature) [Signature]
Date: 8/21/21 Time: 1515

Received By: (Signature) [Signature]
Date: 8/25/21 Time: 1530

Matrix: DW Drinking Water WW Waste Water HW Hazardous Waste (Water) S Soil/Solid SW Storm Water GW Groundwater
Preservative: 1 4°C 2 HCL 3 NaOH 4 Na₂S₂O₃ 5 HNO₃ 6 H₂SO₄ 7 Other _____

Original - Send REL. 8-25-21 Yellow - File Roc. Franco Espinoza 8/25/21 Pink - Log Book

Report ID: 1001214997
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Page 5 of 41



BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 of 3

Submission #: 21-27176

SHIPPING INFORMATION: Fed Ex UPS GSO/GLS Hand Delivery BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER: Ice Chest None Box Other (Specify) _____

FREE LIQUID: YES NO W / S _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers Intact? Yes No None Comments: _____

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received: YES NO

Emissivity: 0.95 Container: Clear Glass Thermometer ID: 208 Date/Time: 8/25/21 22:10

Temperature: (A) 24.9 °C / (C) 24.3 °C Analyst Init: PPG

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
1 st A PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR <u>40L</u>										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____

Sample Numbering Completed By: CAS Date/Time: 8/25/21 07:00

A = Actual / C = Corrected

Rev 22 04/13/21 (S:\WP\Doc\WordPerfect\LAB_DDCSV\FORMS\CHRECRev 20)



BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 3

Submission #: 21-27176

SHIPPING INFORMATION: Fed Ex UPS GSO/GLS Hand Delivery BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER: Ice Chest None Box Other (Specify) _____

FREE LIQUID: YES NO W / S _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Intact? Yes No Intact? Yes No Comments: _____

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received: YES NO

Emissivity: 0.95 Container: Clear Glass Thermometer ID: 208 Date/Time: 8/25/21 22:10

Temperature: (A) 24.9 °C / (C) 24.3 °C Analyst Init: PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 5915M										
QT EPA 3279C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR <u>4oz</u>	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____

Sample Numbering Completed By: CAS Date/Time: 8/25/21 08:20

A = Actual / C = Corrected

Rev 22 04/13/21
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BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 Of 3

Submission #: 91-27176

SHIPPING INFORMATION: Fed Ex UPS GSO / GLS Hand Delivery BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER: Ice Chest None Box Other (Specify) _____

FREE LIQUID YES NO W / S

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Intact? Yes No Intact? Yes No Comments: _____

All samples received? Yes No All samples containers intact? Yes No Description(s) match CDC? Yes No

COC Received YES NO

Emissivity: 0.95 Container: Charles Thermometer ID: 208 Date/Time: 8/25/21 22:10

Temperature: (A) 24.9 °C / (C) 24.3 °C Analyst Init: PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR <u>4oz</u>	A	A	A	A	A	A	A			
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____

Sample Numbering Completed By: CAS Date/Time: 8/26/21 0820

A = Actual / C = Corrected

Rev 22 04/13/21
[S:\PDoc\WordPerfect\LAB_DOCS\FORMS\ANRECrv 20]



Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2127176-01	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Composite 1 (4:1)	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-02	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Composite 2 (2:1)	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-03	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Composite 3 (2:1)	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-04	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Composite 4 (4:1)	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-05	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:22
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Composite 5 (2:1)	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-06	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Composite 6 (2:1)	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-07	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS1-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2127176-08	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS2-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-09	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS3-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-10	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SSX-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-11	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS4-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-12	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS5-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-13	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS6-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-14	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS7-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2127176-15	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS8-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-16	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS9-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-17	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS10-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-18	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS11-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-19	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS12-0.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-20	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 13:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS5-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			
2127176-21	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS6-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
	<hr/>			

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2127176-22	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS7-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2127176-23	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:22
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS8-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2127176-24	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS9-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2127176-25	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:34
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS10-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2127176-26	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS11-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2127176-27	COC Number:	---	Receive Date:	08/25/2021 15:50
	Project Number:	---	Sampling Date:	08/25/2021 14:57
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SS12-2.5	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-01	Client Sample Name: Composite 1 (4:1), 8/25/2021 1:51:00PM, Client
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.17	mg/kg	0.50	0.010	EPA-8081A	2.5	J,A10	1
4,4'-DDD	0.019	mg/kg	0.0050	0.00064	EPA-8081A	1.0	A10	1
4,4'-DDE	0.026	mg/kg	0.0050	0.00095	EPA-8081A	1.0	A10	1
4,4'-DDT	0.037	mg/kg	0.0050	0.00040	EPA-8081A	1.0	A10	1
Dieldrin	0.0021	mg/kg	0.0050	0.00036	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	5	A10	1
TCMX (Surrogate)	66.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	85.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 16:37	HKS	GC-17	10.101	B118771	EPA 3550B

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-01	Client Sample Name: Composite 1 (4:1), 8/25/2021 1:51:00PM, Client
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	4.9	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	62	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:25	ARD	PE-EL2	0.943	B118357	EPA 3050B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

QC Table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, Batch ID, Prep Method. Row 1: 1, EPA-8081A, 08/31/21 20:20, 09/01/21 16:52, HKS, GC-17, 4.934, B118771, EPA 3550B

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-02	Client Sample Name: Composite 2 (2:1), 8/25/2021 2:27:00PM, Client
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	5.0	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	45	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:27	ARD	PE-EL2	0.980	B118357	EPA 3050B

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

QC Table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, Batch ID, Prep Method. Row 1: 1, EPA-8081A, 08/31/21 20:20, 09/01/21 17:06, HKS, GC-17, 10.135, B118771, EPA 3550B

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-03	Client Sample Name: Composite 3 (2:1), 8/25/2021 2:45:00PM, Client
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	2.9	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	34	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:29	ARD	PE-EL2	0.952	B118357	EPA 3050B

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-04 **Client Sample Name:** Composite 4 (4:1), 8/25/2021 1:54:00PM, Client

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	0.015	mg/kg	0.050	0.0010	EPA-8081A	2.5	J	1
4,4'-DDD	0.0012	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	0.0017	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	0.0015	mg/kg	0.00050	0.000040	EPA-8081A	1.0		1
Dieldrin	0.00022	mg/kg	0.00050	0.000036	EPA-8081A	8.0	J	1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	71.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	78.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 17:21	HKS	GC-17	0.987	B118771	EPA 3550B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-04	Client Sample Name: Composite 4 (4:1), 8/25/2021 1:54:00PM, Client
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	6.3	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	6.3	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21 11:30		ARD	PE-EL2	0.990	B118357	EPA 3050B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-05	Client Sample Name: Composite 5 (2:1), 8/25/2021 2:22:00PM, Client
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	0.000092	mg/kg	0.00050	0.000064	EPA-8081A	1.0	J	1
4,4'-DDE	0.0023	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	0.0014	mg/kg	0.00050	0.000040	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	83.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	92.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 17:35	HKS	GC-17	0.984	B118771	EPA 3550B

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Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-05	Client Sample Name: Composite 5 (2:1), 8/25/2021 2:22:00PM, Client
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	6.6	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	4.0	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:32	ARD	PE-EL2	0.980	B118357	EPA 3050B

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Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-06 **Client Sample Name:** Composite 6 (2:1), 8/25/2021 2:50:00PM, Client

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	0.000087	mg/kg	0.00050	0.000064	EPA-8081A	1.0	J	1
4,4'-DDE	0.0016	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	0.00069	mg/kg	0.00050	0.000040	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	57.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	63.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 17:50	HKS	GC-17	0.993	B118771	EPA 3550B

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Condor Earth Technologies Inc.
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Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-06	Client Sample Name: Composite 6 (2:1), 8/25/2021 2:50:00PM, Client
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	2.5	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	3.6	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21 11:33		ARD	PE-EL2	0.971	B118357	EPA 3050B

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Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-07	Client Sample Name: SS1-0.5, 8/25/2021 1:25:00PM, Client
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	0.000067	mg/kg	0.00050	0.000064	EPA-8081A	1.0	J	1
4,4'-DDE	0.00029	mg/kg	0.00050	0.000095	EPA-8081A	1.0	J	1
4,4'-DDT	0.00079	mg/kg	0.00050	0.000040	EPA-8081A	1.0		1
Dieldrin	0.000097	mg/kg	0.00050	0.000036	EPA-8081A	8.0	J	1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	71.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	83.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 18:48	HKS	GC-17	1.007	B118771	EPA 3550B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-07	Client Sample Name: SS1-0.5, 8/25/2021 1:25:00PM, Client							
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	1.7	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	3.9	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:41	ARD	PE-EL2	0.952	B118357	EPA 3050B

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Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-08		Client Sample Name: SS2-0.5, 8/25/2021 1:32:00PM, Client						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.025	0.00090	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.025	0.0019	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.025	0.0024	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.025	0.0018	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.025	0.00090	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	2.5	0.050	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0070	mg/kg	0.025	0.0032	EPA-8081A	1.0	J,A10	1
4,4'-DDE	0.018	mg/kg	0.025	0.0048	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.025	mg/kg	0.025	0.0020	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.025	0.0018	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.025	0.0010	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.025	0.0017	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.025	0.0013	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.025	0.0032	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.025	0.00090	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.025	0.0043	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.025	0.00085	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.025	0.0047	EPA-8081A	100	A10	1
Toxaphene	1.6	mg/kg	2.5	0.070	EPA-8081A	5	J,A10	1
TCMX (Surrogate)	69.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	112	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 19:03	HKS	GC-17	49.505	B118771	EPA 3550B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-08	Client Sample Name: SS2-0.5, 8/25/2021 1:32:00PM, Client
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	2.2	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	16	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21 11:42		ARD	PE-EL2	0.943	B118357	EPA 3050B

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Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-09 Client Sample Name: SS3-0.5, 8/25/2021 1:59:00PM, Client

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.025	0.00090	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.025	0.0019	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.025	0.0024	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.025	0.0018	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.025	0.00090	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	2.5	0.050	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0096	mg/kg	0.025	0.0032	EPA-8081A	1.0	J,A10	1
4,4'-DDE	ND	mg/kg	0.025	0.0048	EPA-8081A	1.0	A10	1
4,4'-DDT	0.011	mg/kg	0.025	0.0020	EPA-8081A	1.0	J,A10	1
Dieldrin	0.0066	mg/kg	0.025	0.0018	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.025	0.0010	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.025	0.0017	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.025	0.0013	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.025	0.0032	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.025	0.00090	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.025	0.0043	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.025	0.00085	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.025	0.0047	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	2.5	0.070	EPA-8081A	5	A10	1
TCMX (Surrogate)	57.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	56.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 19:17	HKS	GC-17	50	B118771	EPA 3550B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-09	Client Sample Name: SS3-0.5, 8/25/2021 1:59:00PM, Client
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	2.0	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	12	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:44	ARD	PE-EL2	0.909	B118357	EPA 3050B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2127176-10 **Client Sample Name:** SSX-0.5, 8/25/2021 1:41:00PM, Client

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.025	0.00090	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.025	0.0019	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.025	0.0024	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.025	0.0018	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.025	0.00090	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	2.5	0.050	EPA-8081A	2.5	A10	1
4,4'-DDD	0.010	mg/kg	0.025	0.0032	EPA-8081A	1.0	J,A10	1
4,4'-DDE	0.0066	mg/kg	0.025	0.0048	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.011	mg/kg	0.025	0.0020	EPA-8081A	1.0	J,A10	1
Dieldrin	0.0068	mg/kg	0.025	0.0018	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.025	0.0010	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.025	0.0017	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.025	0.0013	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.025	0.0032	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.025	0.00090	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.025	0.0043	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.025	0.00085	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.025	0.0047	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	2.5	0.070	EPA-8081A	5	A10	1
TCMX (Surrogate)	69.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	77.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	08/31/21 20:20	09/01/21 19:32	HKS	GC-17	50.167	B118771	EPA 3550B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-10	Client Sample Name: SSX-0.5, 8/25/2021 1:41:00PM, Client							
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	2.0	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	11	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:46	ARD	PE-EL2	0.962	B118357	EPA 3050B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

Table with 2 columns: BCL Sample ID (2127176-11) and Client Sample Name (SS4-0.5, 8/25/2021 1:45:00PM, Client)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

QC table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, Batch ID, Prep Method. Row 1: 1, EPA-8081A, 08/31/21 20:20, 09/01/21 19:46, HKS, GC-17, 5.034, B118771, EPA 3550B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLIC)

BCL Sample ID: 2127176-11	Client Sample Name: SS4-0.5, 8/25/2021 1:45:00PM, Client
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	2.2	mg/kg	0.50	0.17	EPA-6020	500		1
Lead	9.4	mg/kg	0.25	0.12	EPA-6020	1000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6020	08/27/21 17:50	08/30/21	11:47	ARD	PE-EL2	0.909	B118357	EPA 3050B

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Condor Earth Technologies Inc.
P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B118771						
Aldrin	B118771-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B118771-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B118771-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B118771-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B118771-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B118771-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B118771-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B118771-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B118771-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B118771-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B118771-BLK1	ND	mg/kg	0.00050	0.000020	
Endosulfan II	B118771-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B118771-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B118771-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B118771-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B118771-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B118771-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B118771-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B118771-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	B118771-BLK1	69.7	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	B118771-BLK1	84.6	%	40 - 130 (LCL - UCL)		

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Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B118771										
Aldrin	B118771-BS1	LCS	0.0047024	0.0050505	mg/kg	93.1		70 - 130		
gamma-BHC (Lindane)	B118771-BS1	LCS	0.0044704	0.0050505	mg/kg	88.5		60 - 140		
4,4'-DDT	B118771-BS1	LCS	0.0050785	0.0050505	mg/kg	101		60 - 140		
Dieldrin	B118771-BS1	LCS	0.0048263	0.0050505	mg/kg	95.6		70 - 130		
Endrin	B118771-BS1	LCS	0.0060788	0.0050505	mg/kg	120		60 - 140		
Heptachlor	B118771-BS1	LCS	0.0046643	0.0050505	mg/kg	92.4		60 - 140		
TCMX (Surrogate)	B118771-BS1	LCS	0.0081434	0.010101	mg/kg	80.6		20 - 130		
Decachlorobiphenyl (Surrogate)	B118771-BS1	LCS	0.020131	0.020202	mg/kg	99.6		40 - 130		

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Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: B118771		Used client sample: N									
Aldrin	MS	2126400-78	ND	0.0041498	0.0050505	mg/kg		82.2		50 - 140	
	MSD	2126400-78	ND	0.0040730	0.0050000	mg/kg	1.9	81.5	30	50 - 140	
gamma-BHC (Lindane)	MS	2126400-78	ND	0.0043347	0.0050505	mg/kg		85.8		50 - 140	
	MSD	2126400-78	ND	0.0044440	0.0050000	mg/kg	2.5	88.9	30	50 - 140	
4,4'-DDT	MS	2126400-78	ND	0.0046458	0.0050505	mg/kg		92.0		50 - 140	
	MSD	2126400-78	ND	0.0045903	0.0050000	mg/kg	1.2	91.8	30	50 - 140	
Dieldrin	MS	2126400-78	ND	0.0048094	0.0050505	mg/kg		95.2		40 - 140	
	MSD	2126400-78	ND	0.0049863	0.0050000	mg/kg	3.6	99.7	30	40 - 140	
Endrin	MS	2126400-78	ND	0.0057370	0.0050505	mg/kg		114		50 - 150	
	MSD	2126400-78	ND	0.0058390	0.0050000	mg/kg	1.8	117	30	50 - 150	
Heptachlor	MS	2126400-78	ND	0.0041253	0.0050505	mg/kg		81.7		60 - 140	
	MSD	2126400-78	ND	0.0041407	0.0050000	mg/kg	0.4	82.8	30	60 - 140	
TCMX (Surrogate)	MS	2126400-78	ND	0.0075384	0.010101	mg/kg		74.6		20 - 130	
	MSD	2126400-78	ND	0.0077793	0.010000	mg/kg	3.1	77.8		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	2126400-78	ND	0.016104	0.020202	mg/kg		79.7		40 - 130	
	MSD	2126400-78	ND	0.016917	0.020000	mg/kg	4.9	84.6		40 - 130	

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P O Box 3905
Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B118357						
Arsenic	B118357-BLK1	ND	mg/kg	0.50	0.17	
Lead	B118357-BLK1	ND	mg/kg	0.25	0.12	

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Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: B118357											
Arsenic	B118357-BS1	LCS	26.048	25.000	mg/kg	104		75 - 125			
Lead	B118357-BS1	LCS	25.110	25.000	mg/kg	100		75 - 125			

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Sonora, CA 95370

Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
Project Manager: John Lane

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: B118357		Used client sample: N									
Arsenic	DUP	2127368-01	7.9462	7.2638		mg/kg	9.0		20		
	MS	2127368-01	7.9462	58.310	50.000	mg/kg		101		75 - 125	
	MSD	2127368-01	7.9462	57.769	50.000	mg/kg	0.9	99.6	20	75 - 125	
Lead	DUP	2127368-01	20.941	20.831		mg/kg	0.5		20		
	MS	2127368-01	20.941	73.802	50.000	mg/kg		106		75 - 125	
	MSD	2127368-01	20.941	72.206	50.000	mg/kg	2.2	103	20	75 - 125	

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Reported: 09/09/2021 12:38
Project: Soil Samples
Project Number: 8603A
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Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A10 Detection and quantitation limits were raised due to matrix interference.